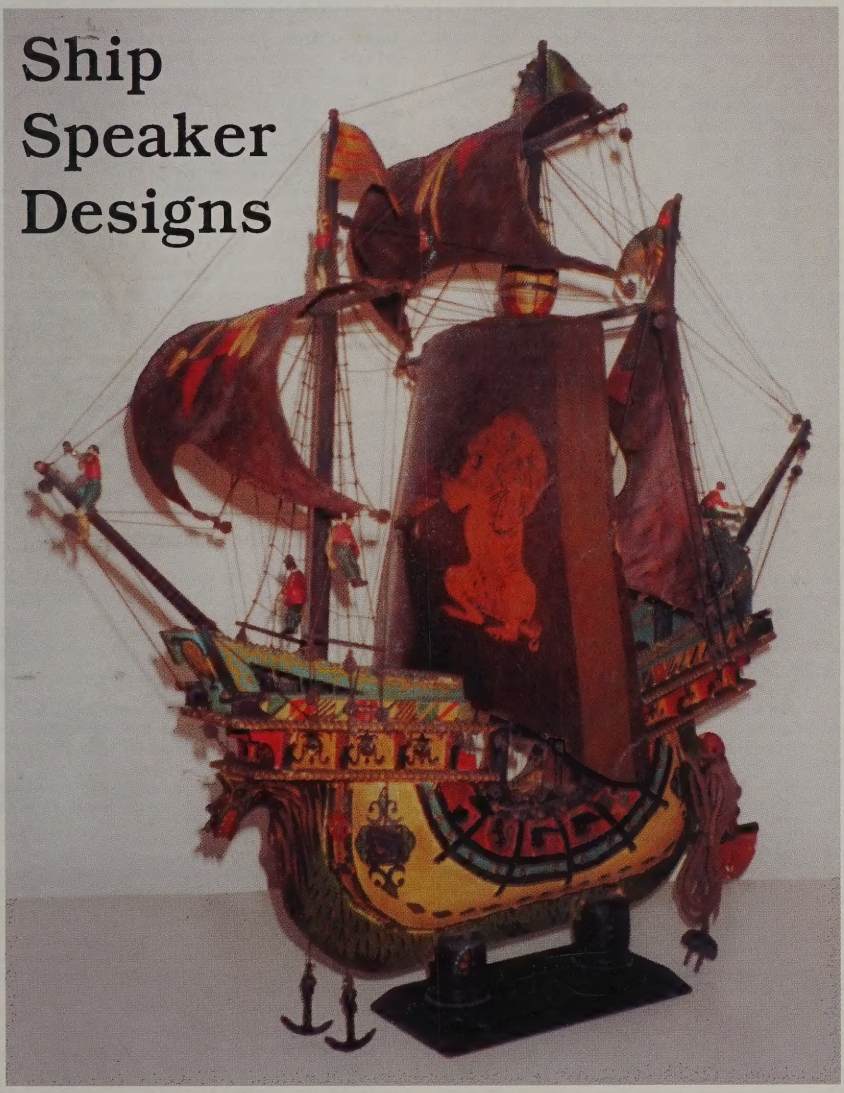
ANTIQUE RADIO CLASSIFIED

VOLUME 16 OCTOBER 1999 NUMBER 10

Ship Speaker Designs



A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

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We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for 1/8-page or larger ads and only if requested when the ad is submitted.

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1/2 V	12 7/16 x 3 9/16	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
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ANTIQUE RADIO CLASSIFIED

EDITOR'S COMMENTS

What's that — a ship on the cover? Did I receive the wrong magazine? Did A.R.C.'s printer switch photos with another magazine? The ship is too early to have laid the Atlantic Cable — no smoke stacks. What's the connection?

We wondered, too, until we realized that Buford Chidester's ship has a sail that is actually a cone speaker. And why not? A ship in full sail conjures up adventure and exploration. That image certainly relates to radio, which opened up the world to listeners everywhere. These colorful ship speakers make a perfect blend of the two worlds, and thanks to Dave Crocker, our graphic artist and an avid collector, we present them in the lead article.

Dave is always on the lookout for photos that can evolve into articles. In fact, the cover photo was originally destined for *Photo Review*, but Dave saw its potential as an article. As the owner of one of the speakers featured in the article, he has had frequent exchanges with the other two contributors, Buford Chidester and John DeLoria on the subject. And so, once again, a photo, plus related material from earlier A.R.C. articles, has led to another interesting article.

Joseph Wood describes the classic Western Electric 7A 3-tube amplifier. This amplifier was very popular in the early 1920s with amateurs, and today is a popular item with collectors. In fact, if you are purchasing a WE 7A, it is important to know whether or not tubes are included, since the tubes alone now bring over $100 each, making them worth more than the amplifier itself!

Factory set junkers invite restoration, but home-brew junkers need to beg for it. William Corkutt heard the cry from two Pilot Wasp home-brew sets and furnishes us with the story in this issue. The reward was a performance living up to the Pilot's claims — DX from all the world and thrilling shortwave reception.

Wally Worth and Dave Crocker show us a recent home brew — the Bruno No. 3, a set originally designed to promote RCA's WD-11 tube. Another short item by Mark Oppat introduces us to a rare space heater disguised as a radio. And in still another short piece, Phil Whitney explains the markings on early Raytheon vacuum tubes.

Blake Dietz writes of one champion of the radio collecting community — Chevie Crandell, the outgoing, long-term president of the Dallas, Texas, area Vintage Radio and Phonograph Society (VRPS). You may want to attend the upcoming VRPS meet October 29-31 and wish Chevie well.

Photo Review this month seems to emphasize oddities — a knight on a horse, a dwarf cathedral radio, and an unusual translucent horn speaker having tiger stripes. But, to keep our ties to radio's earliest days, George Durfey provides a photo of an Eliot spark converter.

Construction articles often challenge us all, but Robert Enemark's power supply for battery and portable radios may test the skills of the best of the builders out there. Although various assembled power supply units are available from a number of venders, some collectors enjoy doing it themselves. Bob actually described this as a "simple power supply," but I thought it best to drop the word "simple" — after all, 24 components are used! Still, the cost is only about $30.

The summer meet and auction season continues with reports on the Michigan Antique Radio Club's Extravaganza, the Mid-Atlantic Antique Radio Club's Radioactivity, Part 3 of our report on the Frank Krantz estate auction, a small auction held by Keystone Associates, and the Cincinnati Antique Radio Society's RadioRama. Again, our stalwart reporters are Larry Babcock and Ray Chase, with Jim Clark also helping out.

Unfortunately, radio collecting, as do most such activities, has its occasional bad egg, and this month we report on one who has resurfaced — Mike Kirby. It has been about 8 years since this name appeared in our pages, but some of you will remember it well. This individual, who responded to wanted ads and accepted money, but did not deliver the goods, is in jail again. Fortunately, his recent fraudulent activities were curtailed quickly, unlike in 1989, when he defrauded dozens before he was stopped.

Also, fortunately, the frequency with which we have a story of this kind is rare, a fact that speaks well of the general honesty in the ranks of collectors. In fact, A.R.C.'s own experience in 1998 of uncollected checks was less than 3/100 of 1 percent!

Internet. Our work to expand our site continues, but the way has been strewn with snags. Even our latest estimate of mid-September has failed to materialize. Software glitches continue to stymie the experts. We can only say "soon" once again and ask for your patience. Remember, our site already has hundreds of pages of past articles, and the radio events pages are updated each month. Also, you can order books and videos and renew your subscription quickly on our site.

Coming Radio Events. Over 45 events for the collector are listed this month. The big multiday event is the 3-day VRPS 25th Annual Convention in Irving, Texas, October 29-31. And by the way, don't say you weren't warned — your editor is the VRPS banquet speaker this year. Hope to see you there. But, if not, try to get to an event close to your home — you'll be glad you did.

Happy Collecting.

John V. Terrey, Editor

ON THE COVER

The colorful wooden ship model of the *Venetian Lepanto* is actually a radio speaker which has a main sail as a paper cone. This unusual speaker of the 1920s is owned by Buford Chidester of Mt. Wolf, Pennsylvania. Fully rigged, it has miniature sailors in the rigging, three treasure chests, and tiny, colored light bulbs that illuminate the hull interior by AC current. Those attending AWA this year will remember seeing this speaker on display there.

WITH THE COLLECTORS

Three Ship Speaker Designs

BY DAVE CROCKER

Cone speakers continue to crop up as a subject of interest to collectors. This article is a follow-up to articles in the July 1997 and the January 1999 issues of A.R.C. It describes three altogether different approaches to ship speaker design in the 1920s. (Editor)

The ship model shown in Figure 1 is owned by Buford Chidester of Mount Wolf, Pennsylvania. Manufactured by Miniature Ship Models, Inc., of Philadelphia, this was the company's largest kit model. It measures 27" tall x 21" long and has a hull of painted wood construction. The 14" x 17" center parchment sail is actually the free-edge paper cone driven by a Vitalitone-type driver attached to the mast.

Found in remarkably good condition, the unit is fully rigged and has eight tiny cast-iron sailors in the rigging, (see Figure 2), all of which are hand painted. House current powers the lighting in the hull interior and the three tiny green treasure chests on deck. The ship is named the *Venetian Lepanto*, and is one of many the company offered for sale either in kit form or fully assembled. One ship model even offered a 2-dial battery operated receiver inside its hull, exposed by pulling down one hinged side of the model.

Figure 3 shows the Vitalitone-type driver attached to the main mast, which operated the paper cone speaker.

An ad for the Miniature Ship Models speakers, shown in Figure 4, illustrates the Santa Maria, La Pinta, and the Mayflower, just three of the many designs offered by the company. This ad appeared in the July 1927 issue of *Science and Invention.*

Figure 5 shows a second type of ship model design, which was also a wooden kit sold by Miniature Ship Models, Inc. Owned by John DeLoria of Chicopee, Massachusetts, this unit has undergone some restoration with modifications.

Named the *Mayflower,* it is 25" long x 26" tall x 10" wide. It differs from other ship model cone speakers in that, instead of being mounted in the sails, the speaker is flush with the center deck, and the driver is deep in the hull. A wooden

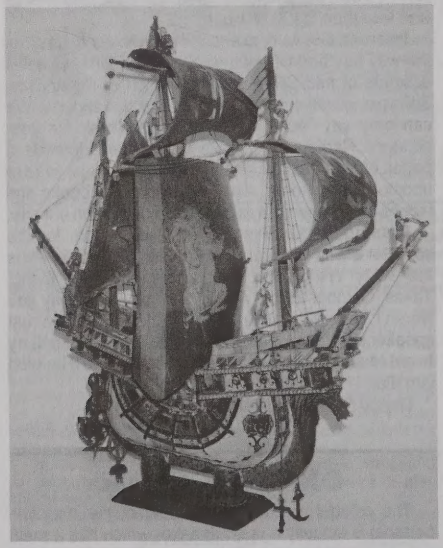


Figure 1. The very colorful cone speaker ship model "Venetian Lepanto" made by Miniature Ship Models, Inc., of Philadelphia. The sail with the lion design painted on it is the cone speaker. Look carefully and you will see the sailor figurines in the rigging.

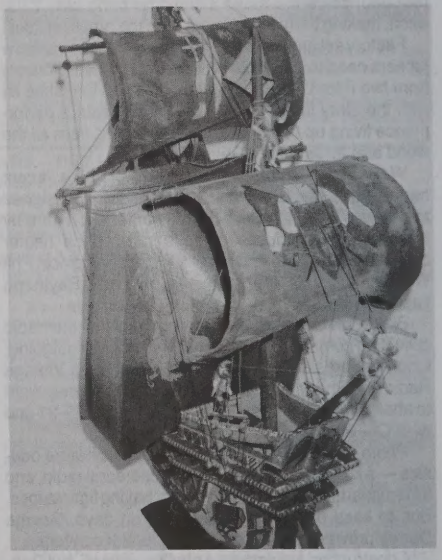


Figure 2. Another view of the "Venetian Lepanto" ship model cone speaker showing the cast metal figures, painted sails and bow (front) details.

decorative grille covers the speaker cloth, as can be seen in Figure 6. The sails were recently restored with a light canvas-type material. The kit, composed of 62 separate pieces, originally sold for $4.98.

An entirely different approach to ship speaker design by an unknown manufacturer is shown in Figure 7. This ship's hull is fabricated from a plaster-type material, and has wooden masts and painted metal sails with full rigging. Its unique feature is the horn-type speaker in the hull with the horn opening in the forward deck. Its Utah-type driver is mounted in the rear (stern) of the ship, as shown in Figure 8.

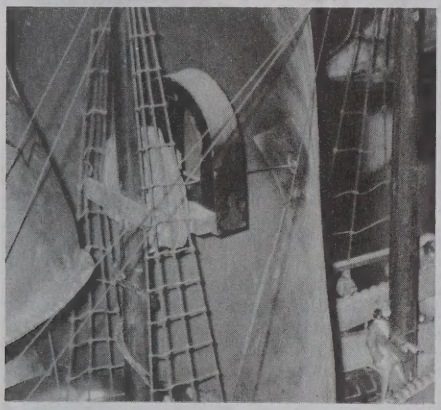


Figure 3. The driver for the speaker is attached to the main mast just behind the paper cone sail.

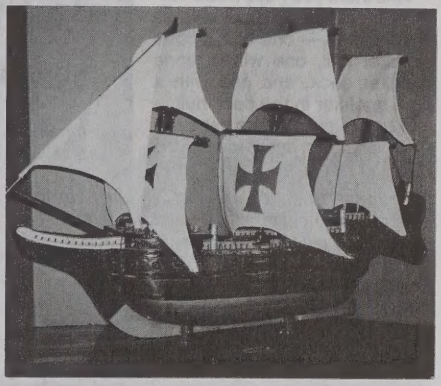
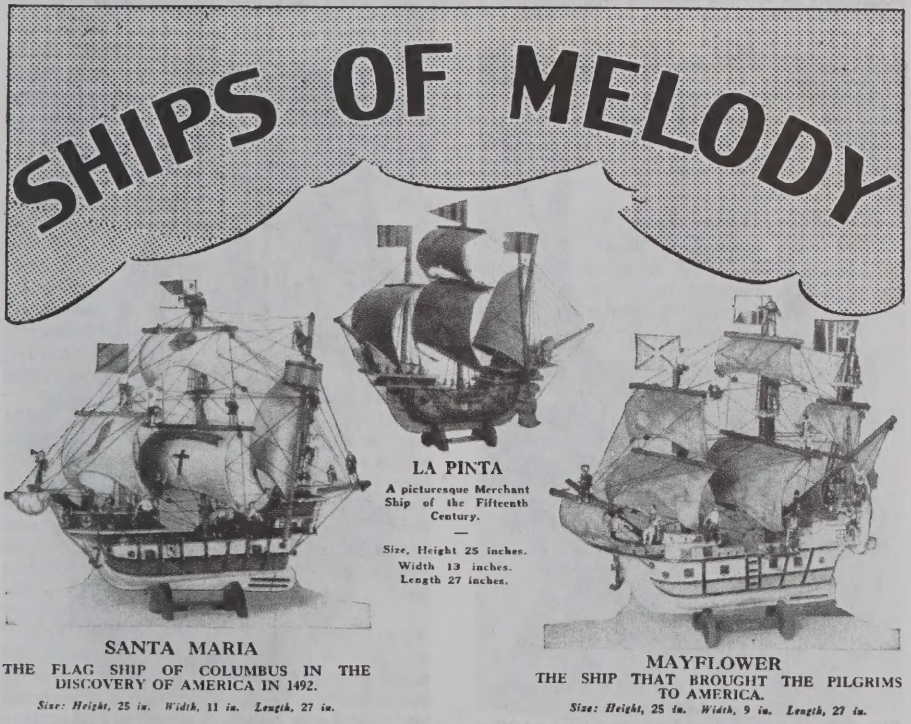


Figure 5. Another ship speaker by Miniature Ship Models, Inc., this one with the cone speaker hidden in the deck.


SHIPS OF MELODY
LA PINTA
A picturesque Merchant Ship of the Fifteenth Century.
Size, Height 25 inches. Width 13 inches. Length 27 inches.
SANTA MARIA
THE FLAG SHIP OF COLUMBUS IN THE DISCOVERY OF AMERICA IN 1492.
Size: Height, 25 in. Width, 11 in. Length, 27 in.
MAYFLOWER
THE SHIP THAT BROUGHT THE PILGRIMS TO AMERICA.
Size: Height, 25 in. Width, 9 in. Length, 27 in.

BUILD A BEAUTIFUL SHIP MODEL LOUDSPEAKER---*in a few hours*

Figure 4. An advertisement for the Miniature Ship Models speakers that appeared in the July 1927 issue of "Science and Invention" showing just three of the many the company offered.

(Continued on following page)

(Ship Model Speakers, continued)

This model is 25" tall x 17" long x 6" wide. I own this speaker and will attempt a total restoration later this year. Any hints on plaster restoration would be appreciated.

And there you have three novel approaches to speakers in ship models — one with a cone speaker sail, one with a cone speaker deck, and one with a horn speaker in the deck hull.

If any of our readers have any other variations, or can identify the manufacturer of the ship speaker shown in Figures 7 and 8, we would be glad to hear from you.

(Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649)

Dave Crocker, a longtime member of the A.R.C. staff, lends his skills as a graphic artist to the layout of the magazine. He has been actively collecting radios for over 29 years, many of which were spent in researching and collecting those manufactured by the Crosley Radio Company.

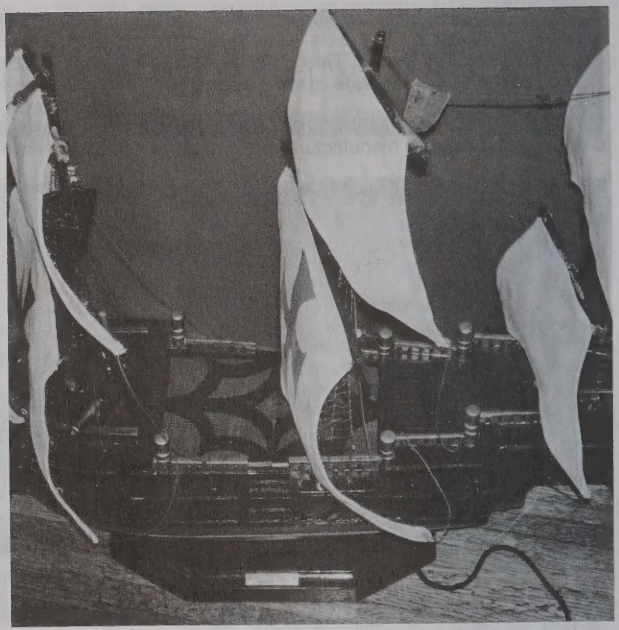


Figure 6. The cone speaker can be seen on the deck of the ship, covered with a grille cloth and a decorative wooden cover.

Figure 7. The ship model with the horn speaker inside its hull. This model is constructed of a plaster-type material with wooden masts and thin metal sails.

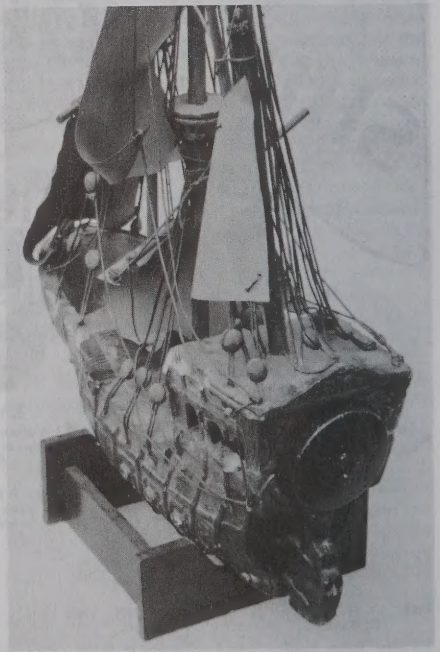
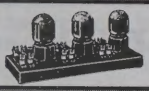


Figure 8. The rear view of the plaster ship model speaker, showing how the horn speaker driver fits into the rear of the hull. The driver is quite obviously a Utah unit.



WITH THE COLLECTORS

The Western Electric 7A Amplifier

BY JOSEPH WOOD

We are always glad to hear about an A.R.C.-inspired project. Sometimes an article does it; other times, as in Joseph Wood's case, an ad triggers a memory and away we go. No matter where the idea comes from, we're pleased to share it with our readers. (Editor)

In my collection, I have a Western Electric Type 7A amplifier. I didn't even take time to study it until I saw an ad in *Antique Radio Classified* that read, "Wanted: a Western Electric amplifier."

I took my amplifier out to look it over and found that it is true to the Western Electric reputation for high quality work. For its time, it was one of the best amplifiers available.

I decided to examine the amplifier, shown in Figure 1, more closely. First, I removed the eight wood screws that held the panel to the sturdy, almost square birchwood case. The wooden case measures 12½" x 10" at the base and 3½" deep inside. I pulled the panel up and turned it over to stare at what is a real old-time collector's gem.The wire used in its assembly resembles the old-time No. 8 rigid house wire soldered with great care to each component.

The top panel is a ½" thick piece of black Bakelite insulating material and contains all of the components on its top and bottom sides. On the underside, we see a tap switch, an on/off switch, a C battery case, a small molded condenser, three well shielded Western Electric transformers, three tube sockets, four input/output terminals, three battery connect terminals and a ground terminal.

Inside the bottom of the wood cabinet is a schematic of the circuit. As I studied the circuit and its related parts, I found that three Type 216A tubes do the amplification. Two of the Type 216A tubes are used in a push-pull output stage for maximum amplification. Three iron-core Western Electric transformers are needed to match the tubes to the input and output of the amplifier. The 381A transformer is connected to the gain taps, and the small molded condenser has a number — D44386.

Note that the Western Electric speech amplifier Type 216A tube is unusual in that it is spherical in shape and has a sturdy brass base. It is a 4-prong triode tube utilizing two prongs for the filament voltage, one for the grid and one for the plate.

This amplifier is battery-powered, and the tubes require 120 volts DC for the plate voltage, 6 volts DC for the filament voltage, and 7½ volts for the grid bias voltage.The two C batteries are Eveready No. 751 9-volt batteries.

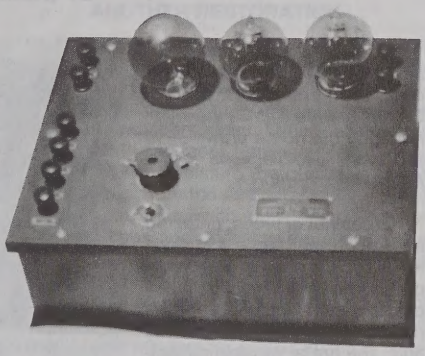


Figure 1. The Western Electric 7A amplifier.

The top panel has a Western Electric tag that has a long list of patents dating from 1907 to 1921. The 5-contact tap switch gives away the item's vintage as belonging to the crystal set era.

(Joseph Wood, 6511 Chester, Hodgkins, IL 60525)

Joseph Wood, an Amateur Radio operator, has a degree in radio communications. He is a member of the Morse Telegraph Club and an avid collector of antique radios.

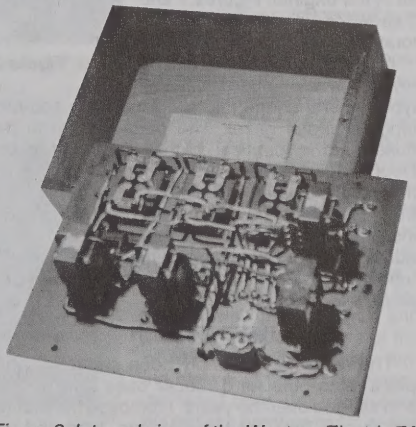


Figure 2. Internal view of the Western Electric 7A amplifier.

The Pilot Wasp
DX From All The World

BY WILLIAM CORKUTT

Home-brew radios are sometimes overlooked by radio collectors. In this article, William Corkutt shares with us the joy of restoring old home brews — in this case, two versions of the Pilot Wasp. (Editor)

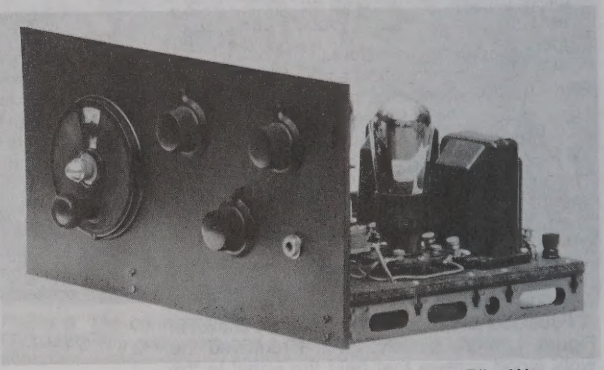


Figure 1. A front view of the restored shortwave Pilot Wasp.

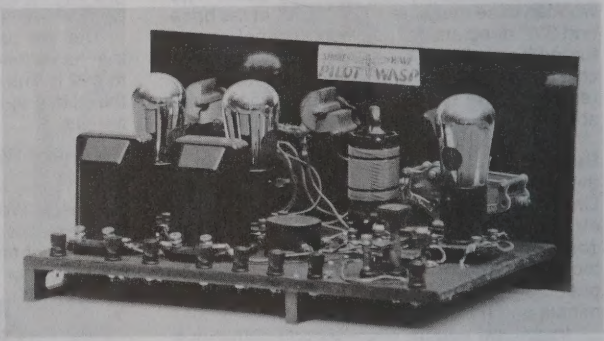


Figure 2. A rear view shows the neat layout of the Wasp.

No cabinet or tubes, untested and rough, but modest in price — a typical home-brew purchase. After cleaning decades of accumulated grime from the parts, I stood back to inspect my find. The brass variable capacitors, the red-topped audio transformers, the bright green coil, the big Bakelite-enclosed choke, the shock-mounted sockets — all indicated something special.

Surprisingly, the 3-tube radio proved to be a version of the shortwave Pilot Wasp so aptly illustrated and described in Volume 2 of Alan Douglas' *Radio Manufacturers of the 1920's*. My radio differed only slightly from the original 1928 Pilot version. The dual regeneration capacitors are side-by-side on my set rather than one above the other as in the original. Figures 1 and 2 show the Pilot Wasp after restoration.

In addition, the tuning dial on my set is a standard National type rather than the Pilot celluloid scale and rectangular metal bezel. The parts layout on my baseboard is identical to that illustrated in the Douglas book. There are no panel markings on my radio and whether it was a kit or a home brew from Pilot parts is unknown. The Pilot WASP insignia on the rear of the front panel is my own addition from a Pilot advertisement. Oddly, the 3-tube Wasp is not listed in McMahon's *Radio Collector's Guide.*

RESTORATION

The radio had probably been stored in a hot place, since the hard rubber base had warped and sagged over the years. I removed the mounting screws from the transformers, tube and coil sockets, and battery connectors, keeping the stiff wiring intact to hold the components together temporarily. Using the old baseboard as a pattern, I cut and drilled a new baseboard from plywood and applied two coats of glossy black paint. When it was dry, I remounted the baseboard using the original screws. One of the audio transformers was faulty. Fortunately I had purchased a substitute years earlier at a hamfest. (You find remarkable antique odds and ends at modest prices at hamfests.) I added the missing gridleak and tubes.

ON THE AIR

A broadcast coil came with the radio and it played very well. Using a set of Pilot shortwave coils from another radio, I was able, over a series of evening listening sessions, to receive foreign broadcasts and amateurs on all shortwave bands from 15 to 200 meters. Regeneration was smooth

and stable. The knob-controlled antenna coupling capacitor mounted on the baseboard is a must feature since loose coupling is essential when receiving code on the amateur bands. After over a half-century, the Pilot Wasp still lived up to its advertisement offerings: "DX from all the world!"

ANOTHER PILOT RADIO

By phone, I learned of a junker, which may have been a Pilot. I offered to buy it sight-unseen. The owner, apparently not wanting to take advantage of me, insisted on sending a photo before I made a choice. After I received the photo, shown in Figure 3, I called to ask if the shield-covers came with the radio. "What you see is what you get," I was informed — not an encouraging message since the radio appeared to be a true junker, one too dilapidated to restore to operation.

The radio was obviously a home brew. It used Pilot tuning components and the circuit of the 1929, 4-tube Pilot Super-Wasp, a Type 222 screen-grid RF amplifier, and the Type 01-A tube as regenerative detector and audio amplifiers. The audio transformers were husky GE units, and though somewhat rusted, both tested good. The tuning knobs were planetary-drive, National Velvet verniers.

A full set of eight shortwave coils wrapped in old newspaper came with the radio. I knew, of course, that in the late 1920s, set builders bought Pilot coil sets and matching variable capacitors, since the tuning circuits were the heart of regenerative receivers. Additional parts were bought or scrounged. The panel and chassis of my radio are of heavy brass and the coil shields of galvanized steel. All-in-all, the radio appeared to have been fabricated by a skilled craftsman.

In the days of tube radios, amateurs never met a radio they thought they could not improve. Even in the 1950s, I recall always adding a component or two to a commercial radio to "tweak" performance and impose a personal touch. Our 1929 builder had added two extra variable capacitors. These capacitors allowed coarse tuning to the center of a band while the verniers enabled fine tuning.

ANOTHER RESTORATION

As received, the chassis was coated with a layer of the type of grime that forms on horizontal metal surfaces subjected to damp and dust. Avoiding harsh chemicals on principle, I removed the box shields and spent several hours using steel wool to clean the surfaces between components, being careful not to disturb the original wiring. I sanded the rust from the audio transformers and touched up the metal with black paint. After removing all knobs and encasing the chassis in a plastic protective sheet, I spray-painted the panel since the original paint had cracked with time.

The original builder had mounted a couple of tube sockets at the rear to serve as power and phone/speaker connectors. I replaced these sockets with a terminal strip. Electrically, the set was in fair condition and only the voltage dropping resistor for the screen-grid tube required placement.

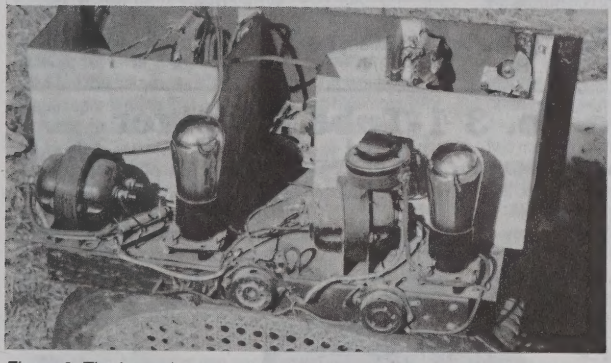


Figure 3. The home-brew version of the Super-Wasp in its "as found" state.

While debugging the reassembled radio, I discovered that plugging in the coils resulted in many finger cuts from the sharp edges of the shield boxes. I decided to dispense with these shields, leaving intact only a panel shield between the two plug-in coils to prevent feedback and undesired oscillation. Later experiment showed that the full shields were unnecessary. Figures 4 and 5 show the restored radio and the rewards that result from well executed restoration efforts.

After I resoldered several loose connections, the radio operated. Stations, amateur and foreign broadcast, were received using all four coil pairs. The variable antenna coupling capacitor had been mounted on the front panel — a nice touch. Like its Wasp predecessor, the Super-Wasp lived up to its advertisement of: "Thrilling short-wave reception."

For cosmetics, I rubbed the cabinet with furniture wax and polished it smooth. Some of the white numerals of the main tuning dials had faded. I replaced the faded dials with better ones bought at a hamfest years earlier

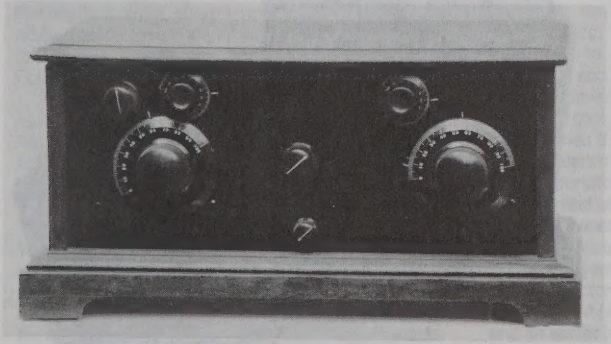


Figure 4. A front view of the restored Super-Wasp

(Continued on following page)

(Pilot Wasp Home Brews, continued)

and saved for such an occasion.

What made the Wasp so good during the dying days of the regenerative era? After all, the circuit was common and the patents had run out years ago. Probably it was attention to detail. The Pilot brass variable capacitors always used flexible pigtails to connect the rotor to the circuit, rather than relying on the rotor-shaft bearings as less scrupulous manufacturers often did. The Pilot coil forms were ribbed to produce high-Q coils which reduced losses and improved selectivity. The shock-proof Pilot tube and coil sockets gripped tight and required the coils to be equipped with handles for insertion and removal.

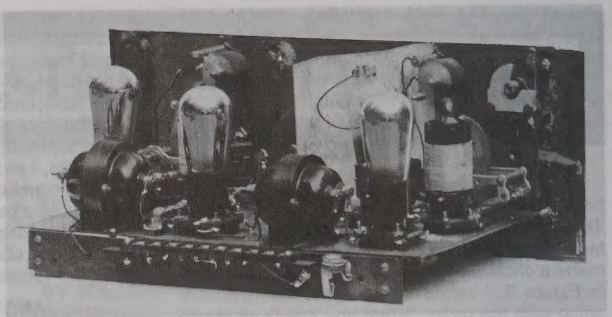


Figure 5. Compare this photograph of the restored Super-Wasp with its "as found" photo in Figure 3.

Shielding the detector and the RF amplifier stages inhibited interaction and unwanted oscillation. In addition, the liberal use of bypass capacitors allowed the amplifiers to be pushed to their maximum. Though such well-designed regenerative receivers would continue to be used by amateurs into the 1930s, the public demanded something less technical and simpler to use. The low cost superheterodyne was in the offing.

My heartfelt thanks to Alan Douglas whose excellent books, *Radio Manufacturers of the 1920's,* enable me to identify interesting radios that come my way. (His Pilot section contains the circuit of the Wasp.)

Ed Romney's wonderful book: *Fixing Up Nice Old Radios* (Copyright 1990, Edward H. Romney) contains much useful technical information (including the circuit) on the Super-Wasp.

References:

Douglas, Alan. *Radio Manufacturers of the 1920's. Vol. 2.* New York: Vestal Press, Ltd., 1989.

Romney, Edward H. *Fixing Up Nice Old Radios.* Drayton, S.C.: Ed Romney, 1990.

Bill Corkutt has been interested in old radios since he bought a junker 3-dialer at a hamfest in 1993. His interest in radio dates back to the early 1950s when he served as an army radio operator during the Korean War. He is a retired electrical engineer and operates Amateur Radio WZ2I.

(William Corkutt, 26 Hillside Ave., Monsey, NY 10952)

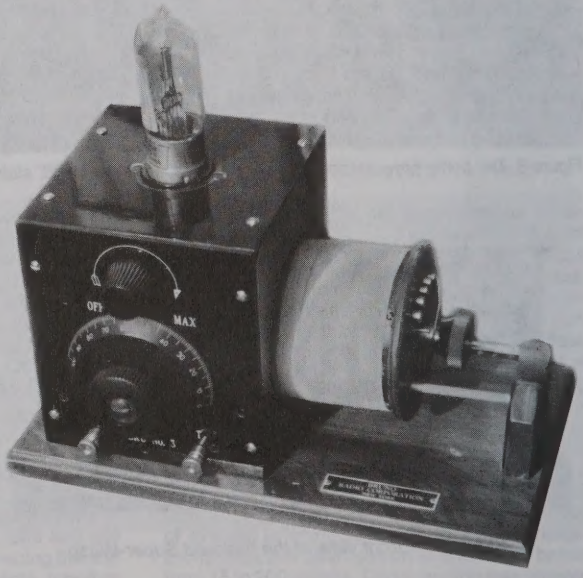
The Bruno No. 3 1-Tube Receiver

BY DAVE CROCKER AND WALLY WORTH

This unique 1-tube, loose-coupled receiver is one of two we built about six years ago as reproductions of the original 1922 set which was manufactured by the Bruno Radio Corporation of New York City.

Word has it that the original builder, William Bruno, had close friends in the Radio Corporation of America (RCA) and agreed to produce a receiver that would require the use of the WD-11 tube in its operation. This plan was designed to use up a surplus of WD-11 tubes RCA had in stock at the time.

The Bruno No. 3 receiver uses a flat compression-type tuning condenser because of the internal space limitations of the loose coupler construction.



(Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649. Wally Worth, 2 West Elm Ave., Wollaston, MA 02170)

PROBLEM LOG REPORT

Kirby Sits in Bay County Jail — Again

BY TAMMY DEGRAY AND DOROTHY SCHECTER

In February 1991, A.R.C. published an article with a similar title. As we said then, a case of illegal activity is rare among radio collectors, but Mike Kirby is the exception. We're sorry to report that he has continued these activities up to the present. The following is a warning about Kirby to newcomers to the hobby and will bring those who know about Kirby's past up-to-date. (Editor)

"Organized Scheme to Defraud" — that's the charge against one Mike Kirby, who at this writing sits in the Bay County jail in Panama City, Florida, awaiting arraignment on September 30. That charge will ring a familiar bell to longtime A.R.C. readers who remember Mr. Kirby's victimization of radio collectors as far back as 1989. At that time, 57 readers reported to A.R.C. that they had been offered items for sale by Mike Kirby of Panama City. Of these, 36 paid Kirby money, but only one actually received the merchandise; most of the others eventually received a refund, if they were persistent.

As the February 1991 article reported, A.R.C. acted as a clearinghouse for information on Mr. Kirby and forwarded information to the U.S. Postal Inspector. The Postal Service followed up on the numerous complaints, and on October 18, 1989, Kirby was arrested. However, he was released the same day after consenting in writing to (1) cease representing that persons sending him money for merchandise would receive the merchandise in a reasonable time, (2) make refunds to all persons not receiving merchandise, and (3) return any new orders received. Over the next several months, Kirby returned most of the payments he had received.

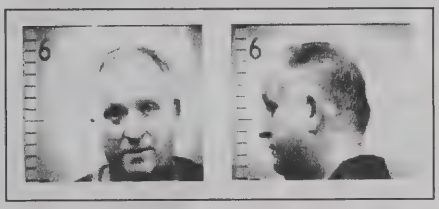
However, once again in 1990, he began responding to ads, receiving payments and not shipping merchandise. Our 1991 article left off with Kirby's 1990 arrest and release pending trial. Since then, we have had no more complaints from our subscribers and assumed that his activities had been curtailed by the long arm of the law.

Wrong. In August of this year, we learned that Kirby was still at it from Steve Finelli, an alert subscriber, and then via the Internet, where a warning from David Stinson advised people to send any information on Kirby's activities to Detective Robert Luther of the Panama City, Florida, Police Department.

As a result, we decided to do a little investigative reporting on our own of Kirby's history of illegal activities. As best we could determine, the following summary of his activities is accurate.

UPDATE ON 1990-1991

According to the Bay County Clerk of Courts, Kirby's 1990 arrest put him in court in September 1991. He was sentenced to 30 days, 250 hours of community service, and 5 years probation on a felony charge of scheming to defraud a California ham radio operator of $600. Though the victim got his money back, Kirby was charged because of the number of complaints about his using the mails to defraud. "Scheming to Defraud" is a third-degree felony and carries maximum penalties of 5 years in jail and up to $5,000 in fines.



Mike Kirby, age 52. (Photo courtesy of Michael Thompkins, Chief of Security, Bay County Jail, Panama City, Florida.)

As an interesting aside, Kirby had been a seemingly upstanding member of the community. He was a science teacher in the Jinks Middle School, and the Panama City *News Herald* headline of January 4, 1991, — "Teacher Arrested for Fraud" — must have been a jolt to the students returning from the holiday break, not to mention an embarrassment to the school administration.

THE RECORD — 1991-1999

The Bay County jail records show that Kirby had a total of three arrests in 1991 — all of which resulted in release on the same day; one arrest in 1992 for which he spent 14 days in jail; two arrests in 1994 resulting in less than two months in jail; one in 1996 resulting in probation, and now in 1999, a new charge. The grand total is nine arrests with brief sojurns in the Bay County jail.

Along the way, he received the required sentences of 5 years, subsequently reduced to probation and fines with no time served in state prison, and with all conditions reimposed. But, he has violated those conditions, and once again finds himself in what must be his home away from home — the Bay County jail.

A.R.C. ADVERTISING POLICY

In general, Kirby is an anomaly among radio collectors, as overall, we receive very few reports of problems. When we do, we spend considerable time helping individuals to resolve their differences. If several complaints accumulate about one person, however, we refuse his advertising until the conflicts are resolved. The number of complaints about other individuals in no way has matched the number accumulated by Mike Kirby. Many readers may not realize that this complaint service is part of our efforts to enforce A.R.C.'s advertising policy, if you contact us in writing about the problem.

As for investigative reporting, the A.R.C. staff may decide to give up radios for the police beat. Exchanges with the Panama City court, the Bay City jail, and the Postal Inspector in Mobile, Alabama, were full of interesting asides. When one of the officers was identified as "Bond" and an earlier investigator as "Sam Slay," we knew we had arrived and were destined for screen tests.

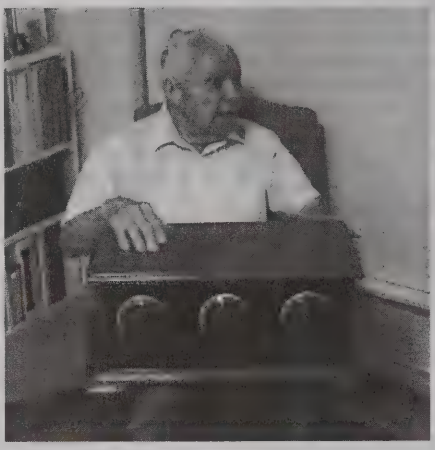
(Tammy DeGray and Dorothy Schecter, c/o A.R.C., Box 2, Carlisle, MA 01741)

CLUB SPOTLIGHT

Chevie Crandell —VRPS President
A "Bandleader" Passes the Baton

BY BLAKE DIETZE

As the Vintage Radio & Phonograph Society (VRPS) approaches its 27th year, the 25th Anniversary Convention, and the millennium, reflection on the many changes that have taken place over the years is inevitable. Throughout most of the club's history, C.F. (Chevie) Crandell has been instrumental in those changes, first as a member looking for early battery sets at the third annual convention in 1976; then as chairman in 1979; and finally, since 1984, as president — an unprecedented 15-year term.



Chevie Crandell talking about the Shenandoah 5.

On July 17, 1999, Chevie stepped down from the presidency. On August 15, 1999, fellow directors George Potter and Gary Reeves (armed with cameras) joined me for an informal interview with Chevie and his wife E.G. What follows are excerpts from this exciting and enriching event. We pick up Chevie's biography with his early interest in radio.

THE EARLY YEARS

Chevie grew up with radio, as his father, Claude Crandell, was the bandleader of the Nebraska City Municipal Band, located in Shenandoah, Nebraska. Claude's band was regularly broadcast on KFNF, which was the Henry Fields Seed and Nursery Company Station, known for broadcasting crop information to local farmers. Interestingly, Henry Fields also produced a 3-dial TRF set called the "Shenandoah 5," circa 1925. [A.R.C. readers may remember reading about Henry Field and Station KFNF in several issues from 1987 to 1994.]

Chevie shared an interesting story about KFNF that shows how the radio industry has changed, yet stayed the same. KFNF used to award prizes for contests during their broadcasts. In those days, telephones were not commonly in every household, and to acknowledge receiving a broadcast, listeners would send telegrams to the station. The first telegram received would determine the winner!

In his youth as a member of the Boy Scouts, Chevie constructed several crystal sets, and in the late 1920s, built his first 1-tube receiving set. As a young high school student, Chevie recalls rescuing, at fifty cents each, many battery sets from the local radio stores, and using the parts to build sets of his own. (One has to wonder, "Are there any regrets?").

After graduation from high school, Chevie headed for Kansas State University where he completed both his Bachelors and Masters degrees in electrical engineering. While in graduate school, Chevie had the good fortune to meet E.G., who was finishing a degree in music. They were married in 1940.

While attending the university, Chevie recalls participating in experimental television broadcasts using a 60-line flying spot arc transmitter. The broadcasts were made twice weekly, mostly still frames, except when E.G. would volunteer to pose, and she wouldn't sit still! Concurrent with these broadcasts, the student team was developing an electronic television receiver for the reception of the mechanical transmitter.

Chevie's collecting interests reflect his engineering background. He collects battery sets for the most part, and his focus is on the different circuits used in the mid-to-late-1920s radio receivers. Chevie is a real historian when it comes to radio circuit design improvements and advancement.

ENGINEERING CAREER AND VRPS

After graduating in 1940, Chevie went to work for Southwestern Bell in Dallas as an engineer. In 1942, he was invited to join the prestigious Bell Laboratories as a member of the technical staff in electronics research. During his 2-year stay, Chevie worked primarily on military radar. Later he worked on the development and deployment of the first U.S. transcontinental microwave system. In 1945 Chevie returned to Dallas, where he worked for 33 years with Southwestern Bell as the Manager of Facilities Engineering. It was during the latter part of his career that Chevie joined the then budding Vintage Radio and Phonograph Society.

Within a year, he was drafted to serve on the

Board of Directors, a team of eight, in those days. In time, Chevie would serve a year as chairman. He recalls a club then of about 40 or 50 members, less than adequate convention facilities, and manual, paper-processed auctions. In 1979, Chevie, George Potter, and Dave Medly made a move to incorporate the society, an endeavor that was completed in 1980. Four years later in 1984, the Board of Directors elected Chevie Crandell president. For 15 years at the conclusion of each annual meeting, E.G. would ask, "Are you going to be president again this year?"

Chevie Crandell proudly talks about his radio collection.

THE VRPS PRESIDENCY

In the 15 years since Chevie took over as president of VRPS, many changes have taken place. The club roster now tops 500 members, fall conventions now run 3 full days, and auctions are computerized. Added to its events calendar are annual cabinet and chassis restoration workshops, two all-day swap meets, a spring auction, and a Christmas Cheer party. Without the passion and devotion of Chevie Crandell, I doubt that this unprecedented growth could have taken place. Fortunately, Chevie will remain on the Board of Directors with responsibilities, and in order to put to rest any rumors — Chevie and E.G. are in great health, and they will remain active in the hobby.

Let's not forget that behind every great leader, there is someone special lurking in the shadows. In the case of Chevie, that support role is none other than his wife E.G, a gracious woman who is no stranger to radio and its history. At age 15, E.G. played piano accompaniment for young contestants on radio programs. She remembers how excited she was to be allowed to play a piano in a radio broadcast studio, and how unimpressive small town radio studios turned out to be in the 1930s. Later at WLIB (New York), while Chevie was off working at Bell Labs, E.G. and a small group of ladies produced a 50-minute weekly music program. In recent years, E.G. has played the part of the president's personal secretary, receiving calls from all over the country at all times of the day and night, and politely directing them to the appropriate board member. E.G. says you can not imagine how many folks don't know what their radios are worth (and want a phone appraisal!).

At the end of the interview with this wonderful couple, sitting in the living room of this charming home filled with curios of all ages, I asked Chevie and E.G. to reflect on the past 15 years and share with us some final comments:

Chevie: "I have appreciated working with a great bunch of fellows, not only from a radio-collecting perspective, but from a social aspect as well. It's a great hobby and preserves a part of history as well."

E.G.: "People who have a meaningful kind of hobby are very lucky. Chevie has a real love of radios. As time goes on we realize what is important. It keeps both of us young."

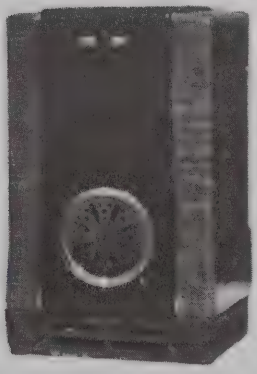
***Photo Credits**: George Potter and Gary Reeves.*

(Blake Dietze, 3201 Augusta Dr., Flower Mound, TX 75028)

The Vintage Radio & Phonograph Society publishes "The Reproducer" quarterly and "Soundwaves" monthly, between quarterlies. Dues are $13.50. The club holds monthly meetings, a spring auction, an annual convention, two swap meets, and workshops. For more information: George Potter, PO Box 165345, Irving, TX 75016.

Rare Unknown

BY MARK OPPAT



What's this, a rare Midwest? A lost Scott model? Would you believe it's a 1930s space heater? This begs the question: If console tube radios work also as space heaters, do space heaters also work as radios?

(Mark T. Oppat, 253 Blanche St., Plymouth, MI 48170)

PHOTO REVIEW

This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.

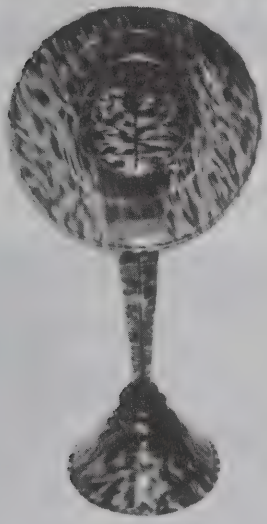
AMROH STEP-BY-STEP RADIO – This germanium crystal set, sold unassembled, allowed children to build a radio in its own carton. The manufacturer was located in Muiden, Netherlands. *(Erwin Macho – Vienna, Austria)*

ATWATER KENT BOX – Can any Atwater Kent collector identify this attractive, footed box? I recently purchased it at an estate auction in central Illinois for $15. It measures 4¾" high x 10" wide x 5¼" deep. The lid opens with a rear hinge to an empty box. On top is an Atwater Kent gold-plated, metal ship emblem. *(Dwight Hill – Bloomington, IL)*

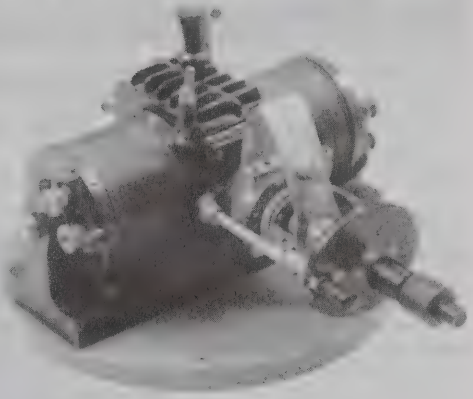
KNIGHT ON HORSE, MANUFACTURER UNKNOWN – This set is possibly the one listed on page 144 of *Transistor Radios* by David and Robert Lane. The knight, armor, horse, and lance are a bronze-colored metal. The knight and the lance are removable, while the visor moves up or down. The details are beautifully done. The plastic base is rimmed in gold color and contains a solid-state AM radio. *(John Broadbrook – New Milford, CT)*

MACY'S MODEL MB56 – On the wood cabinet of this table radio, the escutcheon reads: "Macy's." On the rear of the chassis is a nameplate that reads, "Manufactured expressly for R.H. Macy & Co., Inc., Model MB56, Serial 26527." The radio is a superhet using the following tubes: 57, 58, 55, 47 and 80. The Bakelite bases of 4 of the 5 tubes are engraved, "R.H. Macy & Co., Inc." and stamped "Feb. 25, 1936". The radio covers the standard broadcast band and is in perfect working order, requiring only minor realignment. Any information on this radio would be appreciated. *(Ed Frezon – Rensselaer, NY)*

PHOTO REVIEW



MILO SUPREME – This unusual, delicate horn speaker was manufactured by Milo Manufacturing Company of Newark, New Jersey. It is 21" tall with a 10" bell. The material is of translucent "tiger stripe" Pyralin, which continues right down to the base. *(Ed Bell – Raleigh, NC)*



ELIOT SPARK CONVERTER – This piece of early wireless gear is in the Perham Foundation Historical Collection in California. *(George Durfey – Portola, CA)*

DWARF CATHEDRAL – This 4-tube superheterodyne radio was manufactured in 1931 by the Dwarf Radio Mfg. Co., located at 6725 Santa Monica Blvd., Hollywood, California. *(Kenneth Acord – Long Beach, CA)*

DEALER DISPLAY – This colorful Cunningham cardboard counter sign stands 10" high. It was found at a car swap meet. *(Don Howland – Spokane, WA)*

A Power Supply for Battery and Portable Radios

BY ROBERT B. ENEMARK

Many older portable radios require special batteries or battery packs that are no longer available. The battery-operated power supply described in this article can supply the needed voltages using easily obtained alkaline D cells. Unlike AC line-operated power supplies, this battery-operated power supply restores the true portability to your battery-operated radio. The heart of this power supply is a DC-to-DC converter that produces the required B voltages. For the power supply described in this article, a single D cell is used to light the 1½ volt tube filaments. If a radio requires a higher voltage for the filament supply, two or more D cells can be wired in series. The use of D cells for the filament supply is only appropriate in radios that use tubes with low current drain filaments and is not appropriate for radios that use Type 01-A tubes, which require a substantial A supply. (Editor)

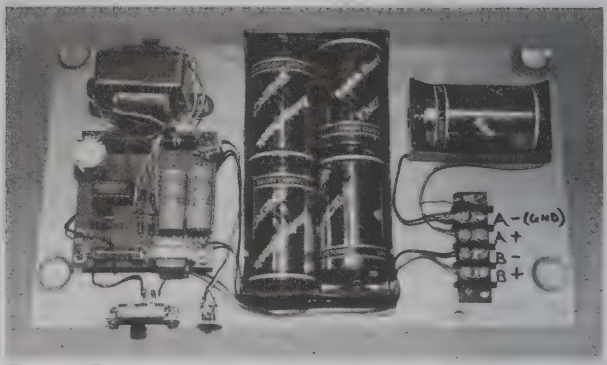


Figure 1. The completed A and B power supply, including the D cells.

Many older battery-operated or portable sets use plate and screen voltages much higher than what are available today in off-the-shelf batteries. What is needed is a simple low cost DC-to-DC converter that operates from easily obtained dry batteries, and which can produce a variety of higher, selectable B voltages for various low current-drain, receiver requirements.

My goal was to design a supply that would be relatively uncomplicated in concept, easily built, and low in cost. The result is shown in Figure 1. Also, the parts had to be available almost anywhere in the U.S.A. — for example, from a Radio Shack store. However, it turns out that these stores no longer carry high-voltage electrolytic capacitors; therefore, they must be obtained elsewhere.

THE DC-TO-DC CONVERTER

My design for a power supply includes a B supply that utilizes a 250 Hz square wave generator feeding a driver and an inverter/driver, all accomplished using five small parts and an inexpensive integrated circuit. The drivers control two power MOSFET switching transistors that alternately turn on and off at the 250 Hz rate like a vibrator in an old auto radio (but at a higher switching speed). This push-pull action alternates current in the primary of a step-up transformer, and its secondary voltage is rectified and filtered to supply the higher voltages for the receiver. The

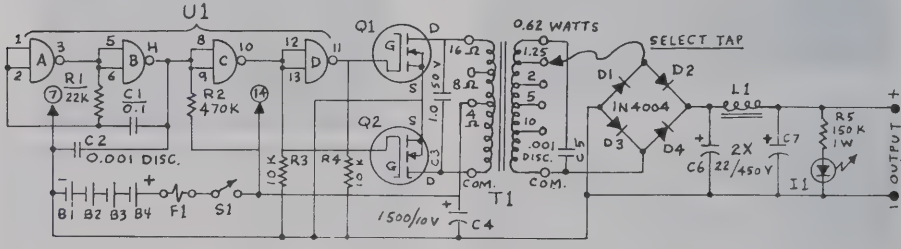


Figure 2. Schematic diagram for DC-to-DC B supply.

B supply runs on 4 D cells or about 6 volts. A separate D cell supplies the A voltages.

BATTERIES TO RUN THE UNIT

For this application, a lot of current is not required, and it is preferable to have the batteries last a reasonable length of time. A typical alkaline D cell supplies heavy current with much less drop in voltage than a carbon-zinc one and lasts longer too. With a load resistance of 2 ohms and drain current averaging 650 mA or so, its internal resistance is about 1/10 ohm.

After about 6 hours of operation at this level, a D cell will lose about 20 percent of its terminal voltage. With intermittent operation, the cell tends to recover somewhat, and its life will be lengthened. The design is based on the assumption that the current drain from the D cells would not be more than 700 mA.

The 4 D cells, or about 6 volts that this supply uses, produce B voltages over a range of 50 volts, at 35mA or more to 220 volts at 5 mA. Higher output current can be obtained at the expense of lowered battery life. This basic design could be altered for much higher output currents by heat-sinking the transistors and by changing to a higher powered transformer.

TECHNICAL DESCRIPTION

Referring to the schematic diagram of the B supply shown in Figure 2, you can see that U-1 is a CMOS integrated, quad 2-input NOR Gate, generically a Type 4001. When a "one" (positive) appears on either input of a gate, its output goes low. When both inputs are tied together as shown, each gate acts like an inverting amplifier (usually saturated) or "NOT" gate.

Gate B is connected back to the input of gate A through a capacitor C1 which is shunted by resistor R1. This 360-degree phase shift (2 inversions) causes the outputs to toggle at a rate determined by the time constant of R1 x C1. Gates C and D are used to turn on and off the MOSFETs, Q1 and Q2 every other half-cycle in push-pull fashion, since Gate C's output drives Gate D's input. These act as power switches controlling the square-wave current through the primary of transformer T1.

Transformer T1 was chosen because it is small, light-in-weight, and can operate efficiently at audio frequencies. A Radio Shack No. 32-1031 line-to-speaker transformer turns out to be ideal for this application, because it has a balanced primary winding (speaker impedance taps) and 5 secondary taps for selecting the needed voltage (taps labeled "watts"). Since this is an audio transformer, it is more efficient when operated at audio, rather than 60-Hz line frequencies.

Note that a balanced primary is required, or equal turns presented to each transistor. Since the number of turns goes as the square root of the impedance, the primary common lead is zero; 4 ohms is a turns ratio of 2, and 16 ohms is a turns ratio of 4. Thus, with the 4-ohm tap in the center, and the common and the 16-ohm taps at the ends, the primary becomes a balanced, center-tapped winding.

T1 has secondary taps labeled in watts. (Note that although the transformer taps are labeled in Watts, the nomenclature is completely unrelated to the power available from this supply.) The lowest voltage output tap is labeled 10 watts, and the highest one 0.62 watts. A bridge rectifier and pi-section filter completes the supply, reducing the ripple to low levels. Output taps can be individually selected, or more conveniently, with a switch, if quick changes are desired. Note that if the LED indicator is omitted, the 150 K-ohm resistor should be left in as a bleeder for the supply and electrolytics.

SUPPLY PERFORMANCE

The lower part of Figure 3 has curves showing the output voltage regulation vs. current drain for different transformer secondary taps, so one can easily select which to use for various applications. The curve in the upper section of Figure 3 shows the ratio of output power to input power, or efficiency of the supply. For a given output power, the efficiency does not change much from tap to tap, so the measurements were averaged into one curve. Transformer losses tend to cause the efficiency to drop off at lower output currents. However, it remains above 60 percent for most applications. Also note that the best regulation is obtained at the lowest voltage taps, where secondary impedances are lower.

Parts List

Symbol	Description	Radio Shack #
B1-B4	1.5V D cell	–
C1	0.1mF/200V	276-1053
C2. C5	0.001mF disc ceramic	–
C3	1.0mF/50V	–
C4	1500mF/10V	–
C6, C7	22mF/450V	–
D1-D4	1N4004 diode	–
F1	2A fuse	–
I1	LED	276-006A
L1	Choke	273-1380
Q1, Q2	Transistor	276-2072A
R1	22k, 1/2w	–
R2	470k, 1/2w	–
R3, R4	10k, 1/2w	–
R5	150k, 1w	–
S1	SPST switch	–
T1	Transformer (see text)	32-1031
–	Fuse holder	270-744
–	Battery holder	270-396
–	PC board	276-168

PARTS AND HINTS

For convenience in building this converter, Radio Shack catalog numbers are provided in the parts list. It's always preferable to use intergrated circuit (IC) sockets for home projects, but even more so when using MOS ICs, which can be blown out by electrostatic charges when handled. I prefer wire-wrap sockets for hand soldering because the leads are longer and more rugged (excess lengths are easy to snip off). The socket should be spaced from the

(Continued on following page)

(Simple Power Supply, continued)
board using a piece of thick spaghetti insulation, for example, so that melting solder does not "wick" up into its pins.

For the MOSFETs, I cut off most of the conducting Scott foam, leaving a small piece which keeps all leads shorted until they are soldered into the circuit; this technique also stands them off the board. Once soldered, the foam sponge can be pulled apart with small pliers.

NPN power transistors can be substituted for the MOSFETs by coupling the inverter/driver outputs to their bases through 680-ohm resistors — to limit IC drain to a maximum of 10 mA. Then the 10K-ohm, pull-down resistors would not be needed. If output power exceeding about 1.5 watts is desired, the transistor DC betas would need to be 50 or more.

All the electronic parts except for T1 and the batteries were mounted and wired on a Radio Shack predrilled PC board, Cat. #276-168, which was cut to a size 2¾ inches square. The total cost of parts for this supply is around $30 or less, depending on what one can scrounge up from one's junk box.

APPLICATIONS

If a C supply is needed for a radio, a zener diode rated at the required C voltage can be put in series with the supply minus output and the negative input to the radio. The minus C wire would then be connected to the negative supply output and the C+ wire to the set's B– connection. A good-sized electrolytic should shunt the zener diode of such an arrangement. Note that the C voltage will reduce the plate supply voltage by that amount.

Figure 4 shows a prototype of this supply used in an old RCA Victor BT-40 portable set and a typical B battery. Figure 5 shows a front view of a Model BT-40, with Burgess batteries typically used in this set. Since the filament drain of this 4-tube set is 250 mA, and the plate supply of 90 volts draws 8 mA, a single D cell is a good match for supplying the filaments, roughly matching the life of the plate power supply batteries.

The supply electronics were placed in the battery compartment as far as possible from the internal loop antenna to reduce pickup of harmonics of the 250 Hz square-wave. Also, an aluminum shield was placed under the chassis shelf, since the chassis bottom had no cover plate. These precautions reduced the sound of

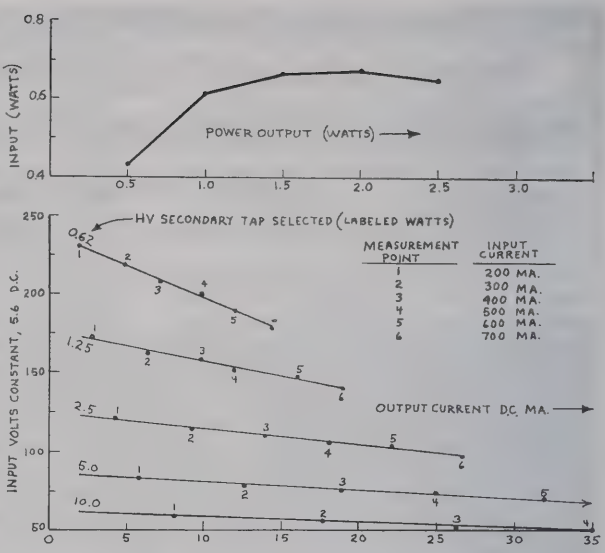


Figure 3. Efficiency curve for the DC-to-DC Converter.

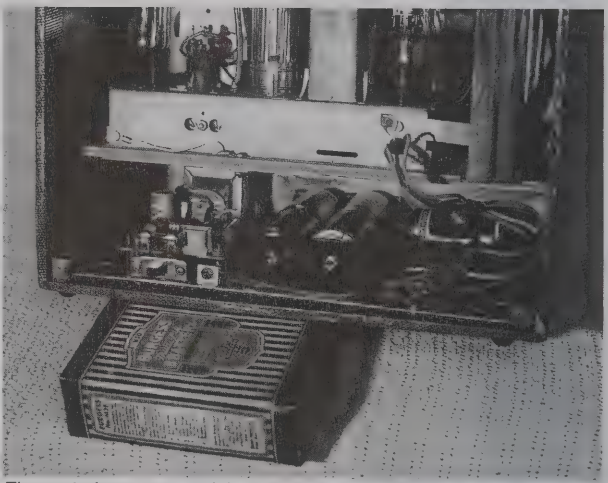


Figure 4. A prototype of the supply mounted in the battery compartment of the RCA Model BT-40 portable radio.

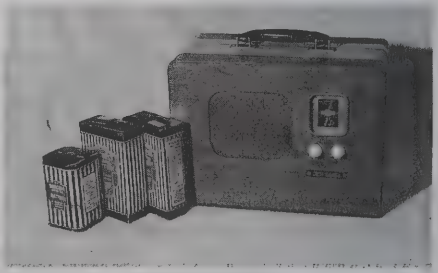


Figure 5. The BT-40 with the battery complement originally required for battery operation.

the 250 Hz pickup to what was barely noticeable between stations or on very weak ones.

In case the radio set used is very sensitive or has a large loop antenna, the supply probably should be placed at a distance or put into a metal box for shielding. This RCA portable at first developed an audio motorboating which was killed by shunting the bias resistor for its 1C5GT output tube with a 1000 mF/15-volt electrolytic.

RESULTS

Powered by the B supply and a D cell as the A supply, the set works very well and is a sensitive portable BC receiver that can be enjoyed and demonstrated. In Figure 5, the bulk of the old carbon-zinc A and B batteries contrast with the much smaller size of this power unit and its batteries. By the way, the real impetus for designing this power supply was my need for a portable supply for the Ferris Model 32A Radio Noise and Field Strength Meter which I expect to tackle soon.

(Robert B. Enemark, W1EC, PO Box 1607, Duxbury, MA 02331)

Robert B. Enemark has been a ham operator since 1941 with calls W1NLL and W1EC. After World War II radio/radar service in the Marine Corps, he became a consulting engineer. He has been awarded over 50 U.S. and foreign patents. His museum in Duxbury, Mass., displays early (French) ocean cable telegraph equipment, which he restored to working condition in 1982. His collecting interest centers on pre-World War II shortwave sets and telegraph equipment.

Labeling on Raytheon Radio Tubes

BY PHIL WHITNEY

It was common practice for the manufacturers of vacuum tubes to produce tubes for other radio companies and to mark the tubes with the radio company's brand name. Some examples include DeForest, Airline, Philco, and Silvertone. Among the more than twenty names to be found on early radio tubes was that of the battery company Eveready or of the National Carbon Company which, along with Raytheon in Waltham, Mass., provided tubes for the early market from 1930.

Raytheon, known for many years as a leader in electronic equipment, occupied the plant used earlier by the makers of the famous Liberty airplane engines found on bombers in World War I. By 1931 radio tubes were appearing on the market bearing the name "Eveready Raytheon."

An unusual feature of these early tubes is their markings. The ER201A, shown in Figure 1 and sold in 1931 has a base marked "Eveready Raytheon ER201A." The base has been dusted with white chalk to make the marking more visible. The metal plates inside the envelope bear the name "Raytheon" stamped into the metal in raised letters, as shown in Figure 2, making the tube now a rare collector's item.

The Eveready Raytheon name also appears on the paper label, affixed to the tube's envelope. Although it is not readable here, the bottom portion of the label reads "Serco," along with the test results dated October 8, 1931.

(Philip Whitney, 214 Carters Ln., Stephens City, VA 22655)

Figure 1. The brand name "Raytheon" is stamped on the metal plate inside this Type ER201A vacuum tube.

Figure 2. In addition to the marking on the tube's plate, and the printing on the paper label, the tube's base is branded "Eveready Raytheon ER201A."

MEET & AUCTION REPORT

Michigan Antique Radio Club Extravaganza '99

East Lansing, Michigan — July 8-11, 1999

CONTRIBUTED BY LARRY BABCOCK AND JIM CLARK

The Michigan Antique Radio Club (MARC) held its 14th annual meet in East Lansing, Michigan, July 8-11, at the Holiday Inn South Convention Center. The event was highly successful, as MARC is able to make a lot of very forward-looking ideas for conducting a radio meet work well.

The event started on Thursday, a day earlier than in previous years. Family registrations numbered 335 from 31 states and 3 foreign countries. The theme of the convention was "On the Air," celebrating the history of radio and TV broadcasting. Free bus transportation was provided to the Michigan Historical Museum in downtown Lansing where an "On the Air" exhibit was displayed.

Again this year there was the 40' x 125' tent right in the middle of the flea market area. Unfortunately, at dawn on opening day of the flea market, it was pouring rain with much thunder and lightning. However, most of the sellers with sheltered tables went ahead and started selling. Almost nobody was outside until the storm ended a couple of hours later. Then 170 sellers occupied 250 outside selling spaces.

The tent where all registration is done has become the trademark of this meeting. The hospitality area had twelve 8-foot tables and chairs set up under the tent for snacking and socializing. This area could accommodate over 100 people, and ample refreshments were provided free for everyone throughout the entire event! (Donations were accepted.)

This is always a very complete meet with a large flea market, an exhibit, a contest, five programs, a women's luncheon, an outstanding social hour, and a large auction. The flea market lasted three days but was most intense from dawn until lunch on Friday. Almost no sellers came later.

***A warning**: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.*

This Colonial New World Globe radio was offered for $750 but there is a big patched crack on the lower front.

THE FLEA MARKET

Many interesting objects were offered in the flea market. One was a Federal 61 said to be in beautiful shape. The seller said it had been his Dad's. (Too bad he didn't want to keep it!) The asking price was $1,500. There was also a nice looking Radiola II without the phones for $450 and a Federal 58 DX for $775. I saw an RCA Radiotron doll in good condition and in a display case for $850. That may seem like a lot for a doll, but I sold mine for more a few years ago.

A white Colonial world radio with a big repair patch was $750. A small, pressed composition

The 40' x 125' tent was back in the flea market again this year. It housed 12 tables for snacks and hospitality, 45 tables for sellers, and six for registration. It was really useful this year when a heavy thunderstorm occurred during the first several hours after dawn on the first day of the event.

Emerson Model 411 Mickey Mouse radio was priced at $1,200. It looked complete, but the finish was poor.

I found a primitive, early, home-brew crystal set with one coil and a rat's nest of DCC insulated copper wire. I like it because the homemade coil was wound on a Quaker Oats box for the coil form.

I also found a very cute radio toy, "Radio Tinker." It is an 8" wide x 6" high tin box made to look like an early 1920s radio. There are two knobs that click when turned and the usual holes in the panel to see the tube filaments. There is also a built-in kazoo, a telegraph key, and a slot for coins to use it as a bank.

THE SOCIAL HOUR

MARC always has a social hour instead of a banquet. The "hour" actually lasts more than two hours. It is extremely popular for two reasons: it is "come as you are," and it is free! There was also excellent entertainment, and free hors d'oeuvres were available. In the same room were all of the contest entries. About 200 attended, and almost half were wives or family members of collectors.

Why a bed in the flea market? Why, it's a combination bed and radio, of course! See the set there in the middle of the headboard?

THE AUCTION AND THE INTERNET

The auction was smaller and shorter than last year but made up for this in quality. Auctioneer Richard Estes kept things moving efficiently for a little over 3 hours. Sellers paid a 10 percent commission and a 5 percent buy-back fee. The maximum fee was $75 for any lot, and the minimum bid was $20.

Registered bidders numbered 166. Of the 192 items crossing the auction block, 166 sold for a total of $22,020 — more than a third less than last year, not including the Marconi Model 106 that went for $15,200 in 1998. So total sales dropped significantly, and I believe there is a reason for this — the Internet.

Many collectors and sellers told me of the effect of eBay and the Internet on the buying and selling of old radios. Almost every seller I asked said he was now selling on eBay. He was selling his better stuff this way and was getting high prices for it. Some said that what they brought to Michigan was those items that hadn't received a high enough bid on eBay.

Many thought that the future for radio meets looked gloomy, and some thought that the smaller club meets would be especially affected. So clubs had better consider this possibility in planning future meets.

Personally, I find the idea of dealing on the Internet cold and uninteresting. I like to show my stuff off in the contest and exhibits at radio meets. I love socializing with other collectors and feel that collecting radios in isolation via the Internet would take all of the fun out of it.

Then there is the problem of shipping. I can recall shipping a well packed cathedral and having it mishandled and demolished by UPS. As a result I no longer sell any radios by mail. The fact that that some of these nice old objects will be ruined during shipment and the total number of antique radio artifacts reduced needs to be taken into consideration.

Of course, Internet sales affect both the flea

(Continued on following page)

(Extravaganza '99, Continued)

market and the auction. I compared the Michigan meet auctions for the last three years. In 1997 and 1998, over 300 lots were sold compared to about 200 lots this year. Total sales were about $35,000 in 1997, $37,000 in 1998 (plus $15,200 for the Marconi 106), and about $23,000 in 1999. In 1997 and 1998, the auction lasted 4½ hours. In 1999 it was 3 hours and 5 minutes. The number of bidders was also reduced about 10 percent this year. This is a very obvious drop in the size of the auction. Was it the result of Internet sales? Probably.

Comparisons of the flea markets are a bit more difficult. I thought there were about as many spaces sold this year, but perhaps there was not quite as much of the nicer pricey stuff available. I'm not sure what the best method is for radio clubs to combat this problem, but I suggest that they consider it in their future meets.

There were two Atwater Kent Model 10 breadboards in good to excellent condition. With tubes, they sold for $700 and $850. This seemed a bit low. Rich Estes sold an Atwater Kent 10 at his auction barn last spring for $1,600.

The two stars of the auction were a blue and white Detrola Model 219 Super Pee Wee and a very unusual trapezoid-shaped Ozarka in beautiful condition. Each sold for an even $2,000. I always marvel that a small set like the Detrola that was quite low priced when new and had minimum performance can bring such big bucks now just because it looks nice and is unusually small.

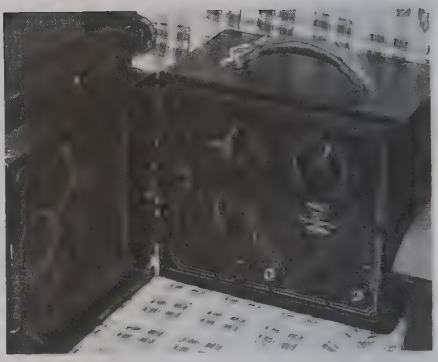
Another interesting piece was the very rare Federal 9 2-tube audio amplifier. As a Federal collector, I looked this one over very closely. There was no cabinet, and the chassis seemed too deep. Also the base construction of two aluminum strips didn't seem right. There was both black and red hook-up wire, and the audios and tube sockets were not Federal.

I also noticed that the front panel had been refinished with black enamel paint. It went for $550, which would be cheap for a good piece. This was an early Model 9 because it had the metal tag ID on the front panel rather than an engraved name.

Other interesting pieces included a McIntosh Model 240 stereo power amplifier, excellent and working, which brought $725. A Brook audio amplifier sold for $275. A Crosley Pup without the tube was stated to be in only fair condition, but I saw no dents, and the base and label were there. (Some paint was missing.) It sold for $325, which seems about right.

Finally, there was an unusual Dictograph cone speaker in a square wood cabinet. The cone is the shape of two horizontal half cylinders with a B-shaped cross section. Working and in very good condition, it brought $275.

The Michigan group really knows how to put on a good meet, and it is as much for the spouses as the collectors. This is the one meet my wife wouldn't miss. With the women's luncheon and the social hour, plus the very large hospitality area under the tent, she loves it. The good Lord willing, we will be there again next year and hope that we can chat with you. Extravaganza 2000, the 15th annual convention, is scheduled for July 7-9, 2000.



The asking price for this clean looking Radiola II without the earphones was $450.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown, wk=works, nwk=not working, WT=with tubes, PB=push buttons, PS=power supply

Airline 7 early TV, vertical suitcase, g $30
Airline TRF, 3-knob, f 45
AKAI 6X2800, reel-to-reel tape, wk, g, ... 30
Arborphone, early electrical set, 2-knob tuning, vg 115
Atwater Kent 10 breadboard, WT, wk, g 850
Atwater Kent 10A breadboard, untested, WT, e 700
Atwater Kent 20 big box, g 45
Atwater Kent 33, WT, wk, g 100
Atwater Kent 40, metal, g 20
Atwater Kent desk radio, floor model, vg 185
Audiola radio chassis in a Keil-type table, g... 60
AWA Radiolet 37A, Australian, 1937, walnut plastic, like skyscraper, e 800
Bendix 526 & Airline tables, white, (2), f-g 45
Bendix directional loop radio finder, WW II, g.... 35
BKM, Australian Peter Pan table, yellow plastic, small crack on bottom(?), vg 550
Bosch speaker in wood cathedral cabinet, f... 22
Brook amplifier, g 275
Brownie BBC crystal set, British, 1925, vg... 300
Cannon ball crystal set, w/box, g 175
Crosley 7 console, phono replaced, plays, Repwood cabinet 45
Crosley 51, WT, wk, f 85
Crosley 148 cathedral, wrong knobs, wk, g ... 75
Crosley 150 tombstone, wood, f 55
Crosley 167 cathedral, wk, vg 130
Crosley Pup, w/base & lable, NT, no dents, looks g 325
Crosley table, brown plastic, PB, early, ... 55
Crosley Trirdyn special, original AFTs, f-g 35
David Grimes 452 table (Canadian), wood, wk, f-g 85
Detrola 219 Super Pee Wee, blue/white, vg ... 2,000
Detrola 420 table, white plastic, vg 25
Detrola tombstone, g 100
Diamond T 3-knob TRF, cracked panel, black metal, wk, g 100
Dictograph roll-type cone speaker, wk, e 275
Dressler(?) shortwave converter, w/coils 50

Echophone F3 cathedral, nice grille, vg 150
Emerson 301 table "Special," gold trim, wk, e 45
Emerson table in Ingram cabinet, g 425
Fada 252 table, prototype, wood, white w/red knobs & trim, ... 135
Fada Temple 652, Catalin, maroon/butterscotch small crack 375
Federal 9, 2-stage audio amp, no case, AFTs & sockets not Federal 550
Football helmet transistor radios, (2), g..... 20
Freed-Eisemann NR-5, wk, vg 95
GE C66 table, restored, plastic, 1949, w/clock, wk . 20
GE E-52 table, wood, vg 35
Grundig 3097, German, f-g 20
Grunow 11G console, black, f 20
Guild country telephone radio, wood, g..... 35
Hallicrafters S107, internal speaker, wk, g 40
Hallicrafters SX28 parts set,..... 40
Hammarlund Super Pro, w/converter & PS..... 250
Haynes battery set, 2-dial, f-g 70
Heathkit Seneca transmitter, vg 100
Hudson tombstone, f-g 50
Kadette table, small, plastic, g 285
Kadette table, wood, f 35
Kellog Kit 3-tube set & catalog, not AC tubes 110
Knight table, 2-band, plastic, g 40
Majestic 310A tombstone, wood, pretty, vg . 250
Majestic tombstone, wood, some chrome, g ... 125
Marconi 401A table, (Canadian), wood, wk ... 75?
McIntosh 240 stereo power amp, wk, e 725
Midwest 16-tube console, f 250
Montgomery Ward tombstone farm set kit, 32v, w/antenna 40
Motorola 56R table, white plastic 20
Neutrowound, wood cabinet, WT, g 135
Nipper dog, 3' tall, e 175
Northern Electric table, (Canadian), wood, bad dial cord, wk, g 375
Ozarka V-6, 2nd prize contest winner, beautiful, e 2,000
Philco 45 table, wood, f 50
Philco 65 console, g, ... 50
Philco 41-226 table, wood 40
Philco tombstone farm set..... 20
Phillips 210 amp, 200W, wk, e 55
Philmore crystal set, slide-tuned, f-g 80
Radio Lark, Lansing, Mich., f..... 30
Radiola 17, w/speaker, wood, wk, g..... 45
Radiola 20, w/speaker & (5) g UX199 tubes .. 125

BTH British crystal set with double detector and BTH headphones in the contest.

This Model 411 Emerson Mickey Mouse radio was offered for $1,200. It is being reproduced, but this one appears to be original.

RCA 75X table, wood, g 40
RCA 542 table, white plastic, g 45
RCA cloth banner, "RCA TV Tubes," 40" square, vg 80
RCA Nipper curtain, cloth, nice 145
RCA R7 tombstone, wk, f-g..... 40
RCA Radiola 106 tapestry speaker, f-g..... 50
RCA Radiola 812 Superhet, f..... 65
RCA Radiola AR 812, loop antenna & horn, (3) pieces, g 200
RCA T8 tombstone, plays e, g 60
RCA U107 console, p..... 20
Recordio radio/phono/recorder, 1949, wk, g .. 20
Scott Philharmonic chassis, some pitting, w/instruction book, no cabinet, looks g ... 550
Seeberg 1000 Music Library record player 45
Silver-Marshal chassis in table, hums, vg 400
Silvertone 4S87, 1937, (11) tubes, g..... 145
Silvertone 7033 table, (3) bands, wk, g..... 40
Silvertone, like Trans-Oceanic but brown, nice .. 75
Sparta crystal set, (British), very small, vg ... 275
Sparton Equasonne 301 console, carved cabinet (w/o (2) $50 output tubes) 135
Steinite 2-dial set, w/199s, internal speaker, g. 100
Stewart-Warner 300 TRF, 3-dial, g. 50
Stewart-Warner 1236 Cavalier tombstone, f-g . 155
Stromberg-Carlson 1100 table, green/white, repainted (?), wk, g 65
TECLA crystal set, w/phones 700
Toshiba 8 table crystal set & box, nice, vg..... 50
Trav-Ler 51 tombstone, wk, f-g 50
TriCity battery set, (Montgomery Ward), wk... 80
Tube caddy w/new radio & TV tubes 20
Tube(s): DV2, 01-A,199, etc., (41), untested, some rare..... 200
US Radio TV electroscope, incomplete 20
Vogue 781 picture record, 78 rpm..... 55
Waterson, (Texas), wk, g 25
Wax cylinder records, (36), f-g 20
Westinghouse WR 330 console, wk, g..... 65
Wilcox-Gay Recordio, w/disks, f-g 20

(Continued on following page)

(Extravaganza '99, continued)

Windsor radio, cloth Nipper, RCA tin box, (3 pieces) 20
Wrist Watch novelty radio, 30" long, wk 30
Zenith 5S223 tombstone, g 155
Zenith 7S655 console, no knobs, f 20
Zenith 60 small console, wk, e 200
Zenith 805 cathedral, vg 265
Zenith 7553 console, original black lacquer, no knobs, g 375
Zenith console, 12-tube, wood, wk, vg-e 200
Zenith Toy Truck, vg, new (?) 25
Zenith Trans-Oceanic, newer model, g 70

For information about joining MARC send a postcard to: Michigan Antique Radio Club, 3520 Okemos Rd., #6, Okemos, MI 48864, or go to the MARC Web site at www.antiqueradios.com/marc. Annual dues (prorated) are $12, and a quarterly newsletter is published, along with an annual membership roster. In addition to Extravaganza, MARC also sponsors three quarterly swap meets.

(Larry Babcock, 8095 Centre Ln., East Amherst, NY 14051; Jim Clark, 3520 Okemos Rd., #6, Okemos, MI 48864)

Mid-Atlantic Antique Radio Club Radioactivity '99

Calverton, Maryland — June 17-19, 1999

CONTRIBUTED BY RAY CHASE

The Mid-Atlantic Antique Radio Club (MAARC) held its Radioactivity '99 megameet at the Holiday Inn, Calverton, Maryland, June 17-19, 1999. A flea market, seminars, equipment contest, and awards banquet culminated in an auction on Saturday afternoon. Some unusual and better than average items are listed below.

g=good, vg=very good, p=poor, vp=very poor, NT= no tubes, WT=with tubes, BB=brass-based, PB=push button

Air King "Skyscraper," black, (2) knobs missing, case needs cleaning, no back, vg $1,500
Atwater Kent 40, AC, metal 30
Atwater Kent 336 tombstone, vg 210
Atwater Kent E speaker, g 56
Atwater Kent horn, no driver, g 55
BC-375 military tuning unit, g 25
Brandes headphones, (2) 26
Crosley XJ, NT, g 75
Emerson, Ingraham, case, (2) knobs, (1) PB missing 125
Emerson, Ingraham cabinet, (2) knobs, rounded top, g 34
Ferris Inst. Co. RF signal generator, vg 21
Fisher 90T tuner/preamp, g 50
Freed-Eisemann NR-5, WT, & spare BB tube .. 120
Freed-Eisemann NR-5, WT, audios replaced by RC nets, vg 155
Freed-Eisemann NR-7, NT, dirty, g 55
Grebe CR-9, no cabinet, NT, f 180
Hallicrafters S-120, wk, g 26
Hallicrafters S-40, g 40
Hallicrafters S-40B, (1) knob missing, g 45
Hallicrafters S-94 Civic Patrol 27
Hallicrafters SX-104, g 30
Hammarlund HQ-170, w/manual, restored but clock plastic cover missing 100
Hammarlund Super Pro, military rack mount version, no cabinet, g 40
Home brew 1920s battery radio, WT (5) 60
Home brew 3-dialer, WT (6), g 105
Majestic 5LA5, brown plastic, hairline in top, nice .. 14
Majestic small metal bank, console-shaped ... 80
Midwest table, large, wood, minor delamination on side, (2) speaker grilles, (1) speaker missing .. 420
Philco 16B cathedral, vg 220
Philco 38 cathedral, g 60
Philco 38-9, no knobs, g 50
Philco 40-190 console, f 16
Philco 45, wood case, g 80
Philco 46-480 console, g 32
Philco 60 cathedral, f 65
Philco 71 cathedral, vp 45
Philco 84 cathedral, no knobs, g 65
Philco 84 cathedral, p 35
Philco 95 highboy, w/doors, tapestry grille, g . 50
Philco 511, metal 40
Philco etched glass sign, 8" x 15", glass only, g ... 60
Philco Jr. cathedral, f 50
Philco Predicta table TV, minus (2) knobs, g .. 200
Philco TH15 Transitone wood, (2) knobs & PB, g. 50
Radiotron Designer's Handbook, 4th ed., g ... 85
RCA 100A speaker, dirty, needs rear grille cloth, g .. 30
RCA Radiola 17, WT, f 22
RCA Radiola 18, no hood, w/extra globe tubes, f . 35
RCA Radiola III, w/spare replacement transformers, (2) 95
RCA Radiola IV, WT, complete, vg 940
RCA Rectagon IP937 B eliminator, g 52
Sam's 600-1800s, (6 boxes) 35
Seiberling table, wood, (3) knobs 34
Shamrock table, early AC, wood, w/Peerless cathedral speaker 50
Speaker, metal, tall, ornate, floor stand, f 500
Stromberg-Carlson 58T tombstone, vg 125
Westinghouse Aeriola Sr., & parts set, no case, both p 55
Zenith 3000-1, vg 150
Zenith T825 ivory plastic, AM/FM, g 22
Zenith Trans-Oceanic, g 75

The Mid-Atlantic Antique Radio Club publishes "Radio Age" quarterly and holds monthly meetings. Dues are $20. For more information, contact Barry Zimmerman, 5825 Woodwinds Cir., Frederick, MD 21703-7579.

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)

AUCTION REPORT

Krantz Auction — Part 3
Somerdale, New Jersey — June 26-27, 1999

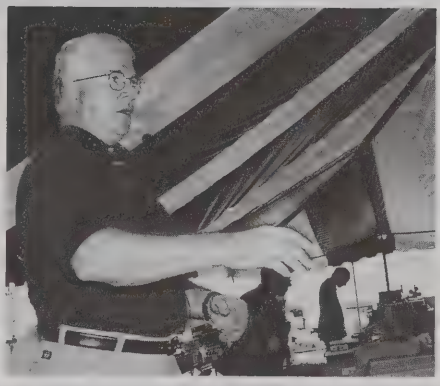
REPORTED BY RAY CHASE

Because auctioning the radio estate of the late Frank Krantz was such a huge operation, we had to divide the report of the first auction in April into Parts 1 and 2. Though the following report is offically of the second auction, we are calling it "Part 3." Once again, Ray Chase has done a yeoman's job of gathering detailed information, somewhat condensed here in that the list largely contains only items that can be identified at least minimally. (Editor)

One still wonders where it all came from. After a 2-day sale in April, radio buyers faced yet another packed 2-day auction, June 26-27, to try to complete the disposal of Frank Krantz's estate. The plan of auctioneers Childers & Smith was the same — a Saturday and Sunday start at 10:00 A.M., a large tent in the backyard, and the "walk-around" selling format due to the spread out nature of the items. There was no catalog this time as there were fewer individual items, with the bulk of the material in box lots or batches.

Auctioneers Harold Smith, Dennis Childers, and Annette Smith tried to group items as best they could, — tubes, parts, test equipment, paper, etc. — and to speed things up by making much of the bidding by "buyer's choice." For example, several tables of boxes of tubes would be designated, and bidding would start on buyer's choice of any box in the group. The buyer could take one or more boxes each at his winning bid price. When a minimum bid of $5 a box could not be obtained, all remaining boxes were sold as a lot.

The weather in June could not have been more different from that of April. While April was cold and raw, June was hot and stifling with typical New Jersey high humidity. Strong stamina was again the order of the day to cope with the heat under the tent. The buying crowd was notably much smaller probably due to the weather and to the realization that the cream of the crop had been sold in April. Also they knew that this sale would be almost totally parts, paper and miscellanea.



A Childers & Smith auctioneer during his walk-around of selling under the tent.

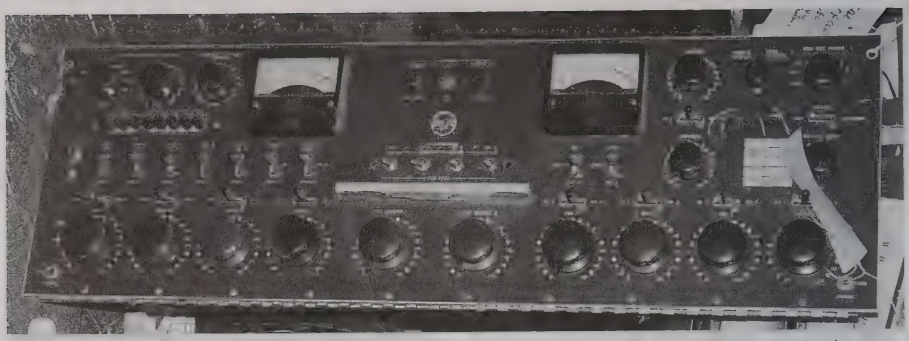
Again some camera items, as well as some miscellaneous household goods, which I did not record, were included. A separate tool auction, also not recorded, was conducted concurrently in front of the garage on Saturday morning. A few non-Krantz radios were also added to this sale by the auctioneers.

Saturday's sale ended at about 3:00 P.M. due to the heat and to the need to restock the tent for Sunday. Sunday was more of the same, mostly box lots. In the two days, I recorded only about 60 percent of the lots sold because of the difficulty of identifying accurately what was in the box or lot. Obviously there could be (and I'm sure there were) many hidden treasures in some of the lots. Conversely, you could be buying a "pig in a poke," but at the prices paid, that was hardly likely.

At 2:30 P.M. on Sunday, the remaining group of buyers was invited to pull items out of the garage (which was still crammed full) and whatever came out would be auctioned with a minimum opening bid of $5. This brought out more hidden goodies, some of which were bid up to $90. Then back to the tent, where requests were taken, and buyers made up their own lots to be auctioned off. Finally, everyone was worn out, and the sale was halted.

(Continued on following page)

***A warning**: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.*



This RCA radio station audio-control panel measuring 12" x 40" in good condition, sold for $180.

(Krantz Auction – Part 3, continued)

Amazingly, there was a good deal of unsold residual material still in the garage, in the basement, and under the tent. But do not wait for a third auction as the remainder was of lesser quality and was probably sold to a dealer as a "clean out" lot.

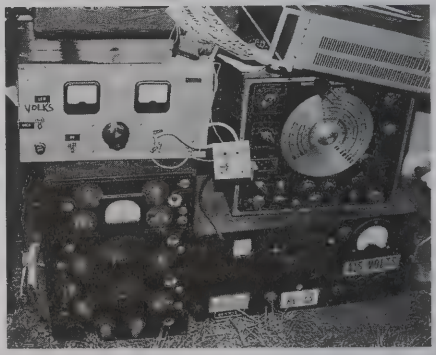
A final note regarding Frank. Although he had stripped many things for the parts and separated items of a set, he organized them well and tagged almost everything. My experience was that the tags were, by and large, correct, and this gave buyers confidence in the items purchased.

Remember that I did not record all the sales and that a 10 percent buyer's premium must be added to the listed sale price. Numerous box lots are not listed here. All prices have been rounded down to the dollar.

e=excellent, vg=very good, g=good, f=fair, p=poor, ng=not good, N.I.B.=new in box

Ameritran audio transformers, (2) $5
Antique Radio Classified, early issues, & other magazines 40
Audio transformers, box lot 25
Audio transformers, flat 55
Bendix, brown plastic, (3) knobs 20
Bogen intercom, Deco, (2) pieces 7
Capacitors, old, box lot, nice 55
Catalin knobs, (5) 100
CECO motor, g 85
Coils and tuning condensers, box lot 60
Delco table, wood, (4) knobs (1) missing, tuning eye, f 15
Dial plates and glass, (4) small boxes 95
Emerson midget, missing (1) knob, g 25
Erector set motors, (4) 35
Fada 1000, butterscotch, no dial lens, g 575
Fisher KS-1, in cabinets, (2), vg 20
Fisher preamp, small, 2-tube 15
Gamewell telegraph register, g 110
Greenlee chassis punches, (27), and metal case of military crystals 5
Grundig, small, green plastic 12
Heathkit VTVM, (6) 5
Insulators, standoff, large & small, box lot 5
International, small, plastic, (2) cracks, nice .. 55
Jensen speakers, 12", (2) 60
Jensens, in cabinets, (2), vg 5
Knobs, (6) bags 45
Knobs, 4-drawer cabinet full 50
Knobs, 6-drawer cabinet full 45
Knobs, small cabinet full 190
Krantz correspondence, (5) full drawers 12
MAARC bulletins, (Mid-Atlantic Antique Radio Club), batch 5
Motorola portable, small, nice 65
Motors, old, crank-style, (2) 85
Nipper dog, cloth, 12", w/RCA tag 20
Norelco projection TV unit, tube & yokes, etc. ...1
Oil-filled capacitors, box lot 10
Old literature, much early TV, plastic bin, about 6" high, vg 240
Old radio carton ends, batch 70
Paper box lot with radio postcards 10
Philco 7" TV, wood, w/stand, g 35
Philco dynamic speakers, (4), g 30
Philco "Mystery Control" remote unit, vg 35
Philco Predicta table TV, g 175
Philco Transitone, brown plastic, (2) knobs, g ... 30
Philco, white plastic, futuristic, g 45
Phonograph needles, lot 10
Porter K&D #1 motor 110
Porter K&D #2 motor 120
Precision tube tester, wood case, g 15
Radio construction plans, etc., tin box lot, g ... 140
Radio Retailing & other magazines, (50+) ... 150
RCA ad items, coffee cups, key chains, etc., box lot 12
RCA advertising items 30

(Continued on following page)



Typical of the many lots of test equipment that were offered at the Krantz auction.

(Krantz Auction, Part 3, continued)

RCA station audio-control panel, 12" x 40", with 2 meters, g 180
RCA tombstone, (4) knobs, f 45
Record player, 45 rpm 7
Reels and batches of hookup wire, about (9) milk crates, etc. 180
RF transformers, etc., large box 30
Rheostats, old, box lot 110
SCR 625 transit case, foot-locker size 9
SCR 625 World War II mine detector, BC-1140/1141, new, complete 90
Sentinel table, wood, (3) knobs, g 20
Service data, (2) large boxes 100
Service data, large lot 170
Service data, much RCA, (8) full file drawers 655
Silvertone clock radio, small 10
Speakers, (50+), large pile 150
Stromberg-Carlson, brown plastic 25
Tektronix 310 scope, & (2) other items 15
Tone arms, (3), dials and Remler tuning condensers 50
TS-117/GP wavemeter, wood case, X-band 5
TS-127/U wavemeter, 375-725 Mhz 5
Tube caddies, empty, (3), g 5, 5, 7
Tube shields and detector antimicrophonic caps, box lot 20
Tube tester roll charts, many charts, (2) boxes ... 70
Tube(s) for military wireless set, (19), rusty metal box of spares 12
Tube(s): 6A3, etc., large box lot 105
Tube(s): 26, large box lot 55
Tube(s): 27, large box 35
Tube(s): 38, in cartons, box lot 25
Tube(s): 71, large box lot 95
Tube(s): 81, box lot 20
Tube(s): 81s, & (1) 80, globe 17
Tube(s): 811, 6V6, 6F6, (2) small boxes 85
Tube(s): 813, box lot 2
Tube(s): 861, fil. ng 35
Tube(s): acorn, (4) cigar boxes 5
Tube(s): audio, miniature, box lot 45
Tube(s): audio, octal & other, small box lot .. 190
Tube(s): big pin, large box lot 40
Tube(s): big pin, large box lot 42
Tube(s): big pin, large box lot 55
Tube(s): camera and CRT, box lot 40

Just some of the many, many box lots of tubes, some in original boxes and some loose, that were auctioned off.

Tube(s): CRT, early, (2) 40
Tube(s): CRT, odd, one old foreign, (3) 425
Tube(s): CRT, various sizes, (5) 12
Tube(s): eye (5) 25
Tube(s): Magnetron magnet, World War II 30
Tube(s): miniature, 1.5-volt, box lot 40
Tube(s): Nixie, (2) cigar boxes 5
Tube(s): OZ4, (21) 5
Tube(s): photocell, old, 8" diameter, "crater" tube (?) 100
Tube(s): T55 (2), T20 (2), HF60, etc., box lot ..20
Tube(s): X-ray tube, old, N.I.B. 250
Utah 5" speakers, (2), (2) 5, 15
Utah 12" speaker, 5 lbs. 1
Variable capacitors, old, (2), (1) transmitting, (1) w/variometer attached 35
Vibrators, small box 5
Victoreen, National, etc., transformers, flat 5
Wavemeter coils, box lot 15
Welch Scientific lab motor 10
Westinghouse table, wood, (4) knobs 25
Winco dynamotor, 12v to 275/500v 5

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)

Keystone Associates Auction

Seymour, Connecticut — May 25, 1999

CONTRIBUTED BY RAY CHASE

On May 25, 1999, Keystone Associates, with Mark Levine as auctioneer, held a general auction at its shop/gallery in Seymour, Connecticut. The auction included a small selection of radios and parts. There was a 10 percent buyers' premium, which is not included in the listed prices below.

vg=very good, g=good, f=fair, p=poor

Atwater Kent 318 lowboy console, some chips out of the feet, vg $100
Delco 11075D tombstone, some dings, g 80
Emerson 412 wood table model w/changer ... 20
Emerson CY-286 or CY-2872836 table, wood, f .. 40
Fada wood deco table model, 30's, 5- or 6-tube, 4 knobs not original?, g 45
Grunow 12B Teledial console, 12-tube, some veneer gone, top rough, grille cloth p, chassis g 65
Zenith 78833 table, wood, g 70
Zenith table radio/phono, wood, one is correct 30

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Keystone Associates, Inc., 127 Market St., Seymour, Connecticut 06483. (203) 888-3400)

MEET REPORT

Cincinnati Antique Radio Society RadioRama '99

Cincinnati, Ohio — June 25-26, 1999

BY LARRY BABCOCK

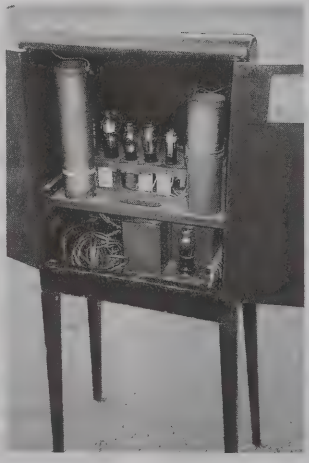
The Cincinnati Antique Radio Club held its RadioRama '99 at the Signature Inn in Florence, Kentucky, just 10 minutes south of Cincinnati, on June 25-26,1999. With great weather and a great location this was a very nice event. Thursday evening, a hospitality session included home-made cookies and other snacks and offered the opportunity to meet quite a few old friends along with the visitors.

The swap meet had been advertised to start at dawn Friday. I arrived at 6:30 A.M. to find almost everybody already set up and artifacts changing hands. Next year I'll arrive at least 30 minutes earlier. When this club says "dawn," they really mean it!

There were some interesting items offered. Floyd Engels had a fully restored and working RCA Theremin for sale for $6,000. As far as I know it wasn't sold, but Floyd said one had been sold at a major auction house for about the same amount. The Theremin is a rare 1920s musical, electronic instrument played without touching the instrument. The movement of one hand controls the pitch and the other the volume. A sine wave type tone is produced.

I also saw one of those early Magnavox 2-tube amplifiers for $500. While I considered whether I wanted to pay that much, another collector bought it. Floyd found a very clean looking Crosley VI. That is the set in a taller cabinet with horizontal strips of wood above and below the Bakelite front panel. He thought $200 was a reasonable price. There was a larger demand here for the newer AC table radios than for the historical early sets like Floyd's Crosley VI.

This working Tesla coil that I bought will light a 4' fluorescent tube to full brilliance from 3 feet away. I have never seen one for sale in working condition. Perhaps that means they are rather rare.



At left is a working RCA Theremin offered for $6,000 in the flea market. Note the antenna-like loop and rod by which the player controls the pitch and volume. At right is a view of the Theremin interior layout.

Every buyer and seller here was wearing a stick-on badge showing that he had paid his registration fee. At other meets I have noticed that many buyers never register and are able to get by without supporting the event. Not here. Two people roamed the flea market and sold tags to all who didn't already have them. Every buyer and seller was tagged. The registration fee was a bargain at $5 each and the additional $10 to set up and sell was also very reasonable.

I "shopped" until about 8:00

An overall view of the flea market at the Cincinnati Antique Radio Society meet where the turnout was good, and sales were brisk.

A.M. when I decided to set up and sell. I am not a dealer and sell only a few times a year. Most of what I had was stuff left over from previous radio meets, but I sold more than I ever did before at any meet.

I think it had a lot to do with my timing. You all have seen how buyers swarm around a new dealer as he unpacks his car and sets up. Well, by 8:00 A.M. almost everybody else was set up so there was a very large crowd around my table as I unloaded the car. Buyers competed with each other to buy my Rider's manuals, AC table models, boxes of new tubes, early French telephones, 01-As, and early 1920s *Radio News* magazines. I didn't sell any novelty transistor sets. Have you noticed that novelty sets are much harder to sell and go for lower prices than they did a few years ago?

One collector was discussing Type 35Z5 power tubes with me and said he had read an article describing how to replace this tube with two diodes. One was used to rectify the B+, and the other to drop the filament voltage in the series filament string. Then I told him the way I had repaired sets with a dead Type 35Z5 during World War II when new replacement tubes were often unavailable. This tube has a tapped filament. One portion is in parallel with the dial light. This segment is made of lighter material than the other portion which must carry the full current of the series string. When the pilot light burns out, it overloads the portion of the filament in parallel with the pilot light filament so that portion of the 35Z5 filament soon blows too.

My solution under wartime conditions was to place an oversize pilot light in the set. It carried the full filament current, and I found that the set would work fine with only one side of the filament lit. The tap was not in the center of the tube filament, and it was always the smaller segment that blew so most of the filament was still serviceable. You could still try this idea if you don't have a Type 35Z5. It doesn't overload anything.

This meet also included a nice exhibit of pre-war RCA radios. They filled the exhibit room and included all of the early Radiola models as well as many later pre-World War II sets.

A seminar entitled, "Genuine Plastic Radios of the Mid-Century" was also presented. This meeting did not include an auction.

Most interesting was a tour of the Gray History of Wireless Museum. It is said to house one of the most complete collections in the world. The founder, Jack Gray, was born in 1900. He obtained a Commercial Telegraph license in 1917 and then began working as a shipboard wireless operator for the Marconi Company. He started his collection in 1930.

A nice exhibit of RCA products included these RCA receiving tubes from the 1920-1932 era.

Jack died in 1970 and his collection is now housed at the Crosley Telecommunications Center, 1223 Central Parkway, Cincinnati, Ohio. It is open for visitors weekdays from 9 A.M. to 4 P.M. For information call Charles Stinger (513) 867-0079.

I liked the hotel facilities very much. The rooms were top rate and a good free continental breakfast was provided. I hope to see you there next year!

(Larry Babcock, 8095 Centre Ln., East Amherst, NY 14051)

RADIO MISCELLANEA

"Radio Miscellanea" includes items of general interest selected from A.R.C.'s incoming correspondence. "In The Marketplace" items are based on information submitted by the businesses themselves. "From The Internet" items are obtained from internet newsgroups and other internet resources. Submitted items should be verified for accuracy; items may be edited by A.R.C. for publication, and publication is not guaranteed. See the masthead for more details.

Kudos to Advertiser — Wow!

Dear Editor:

Just a quick note to congratulate you on one of your advertisers — James Poitivient of Mt. Holly, New Jersey, who builds battery packs for Zenith Trans-Oceanics. When he came up with a "better mousetrap," he sent previous purchasers, such as myself, an updated unit at no charge for exchange. He even reimbursed for the D-cell batteries required. Wow!

Steven Rossi, Commerce Twnshp., MI

Considering the article in this issue about the latest illegal activities of Mike Kirby — itself a rarity among radio collectors — we welcome this story of honesty and consideration that goes even beyond our usual expectation of people in the hobby.

We also would like to make a further comment on A.R.C.'s experience — Of the thousands of checks we received in 1998, we did not collect on only 4, or about 3/100 of 1 percent of our business. Where else can you find this minuscule problem level? (Editor)

Brazil to U. S. to Sweden to Brazil

Dear Editor:

I would like to register my great satisfaction with A.R.C.'s world circulation. I needed the schematic of a radio manufactured in Sweden (Briljant Trip Model WB-26), and I made an inquiry through A.R.C. A reader there in North America read my request and sent me the address of an old resident technician in Sweden. I wrote to the Swedish technician, and he quickly sent me the requested schematic. Thank you very much.

João Mello, Sao Roque, Brazil

Nipper Still Sells

John Uscinowski has sent a newspaper article from *The Record* of Troy, New York, that keeps us up-to-date on the saga of Albany's Nipper. The last A.R.C. Nipper article in April 1998 reported on Nipper's survival in Camden, New Jersey, and on Nipper's getting a "New Leash on Life" in Albany. Well, the latter is really happening.

The Arnoff Moving and Storage Company has a $1 million renovation underway of the former RTA (RCA's local distributor) Building, on the top of which the 4-ton Nipper has sat since 1954. About 50 gallons of paint have been used to spruce up Nipper at a cost of about $25,000. An amusing photo shows a painter applying TLC from a cherrypicker to one of Nipper's ears.

According to company president Michael Arnoff, the real news is that Nipper is once again a valuable marketing tool. All the company has to say to truckers coming in from all over the country is, "Look for the big white dog." What worked for RCA is now working for Arnoff Moving and Storage! Cheers again for Nipper! (Editor)

Thanks to John Uscinowski, Greenwich, NY

Old-Time Radio on Internet WRVO

Dear Editor:

The Internet is a great place to find old-time radio shows (OTR), either to download or listen to in streaming audio. One excellent source is the "The WRVO Playhouse," Oswego, New York. WRVO broadcasts OTR on the Internet at www.wrvo.com, as well as on 89.9 FM nightly from 8:00 to midnight. I have listened to the station on a computer and WebTV. It's already part of the WebTV setup. Just go there and tune in.

Dick Allen, Norwich, CT

Collector Enjoys A.R.C.

Dear Editor:

Sure enjoy *Antique Radio Classified* even though I am not acitvely engaged in buying or selling antique radios. At age 85, I have parceled out my remaining pieces locally (nothing of value!). But, it is interesting to read about all the exciting happenings in the hobby.

Had excellent success with an ad for a Kenwood AT-200! A nice gentleman in Connecticut sent me a near mint one. I'm very pleased with ad results.

Wishing you all good health and exciting happenings!

Wes Chatellier, Baton Rouge, LA

Seeks TV Pioneer Info

Dear Editor:

I would like to know if anyone has information about Ulysses A.Sanabria, born in 1906. He was a TV pioneer from Chicago. He was mentioned in the *Old Timer's Bulletin*, November 1997, page 34. Thank you.

Alfredo Valentin, Chicago, IL

Too Few Publications Like A.R.C.

Dear Editor:

Thanks for a great publication. There are too few.

Donald Jensen, Lynwood, GA

John Stokes — Greatly Missed

On Thursday, August 5th, John W. Stokes died.

John was known as an author and radio historian, and he founded the New Zealand Vintage Radio Society (NZVRS) in 1972. John's three books — *70 Years of Radio Tubes and Valves, The Golden Age of Radio in the Home*, and *More Golden Age* — are frequently used references by collectors in New Zealand and in other countries. John had a career in radio servicing starting before World War II with Turnbull and Jones. He served with the Royal New Zealand Airforce during World War II. During the 1960s, John wrote a column for the New Zealand magazine *Radio and Electrical Review*. He was the editor of the *NZVRS Bulletin* for 12 years.

He will be greatly missed by those who knew him and those who read his books and articles, which were published in many vintage radio society journals.

Ian W. Sangster

President, New Zealand Vintage Radio Society.

WANTED: Instruction book for Hickok 209C meter. Pete Anderson, 601 N. Turner St., Hobbs, NM 88240. (505) 392-8866

WANTED: Schematic diagram for Electroc Products Laboratories of Chicago, Ill. Farm radio battery eliminator. Electro electrical & radio parts equipment. Model F one tube 5Y3. Gwen Cathcart, 410 Georgetown Dr., Kenner, LA 70065-4106. E-mail: CA0014@aol.com

WANTED: Detrola consoles, with and without phonograph. Detrola tabletops with round multicolor dial. Scott Flaugher, 41100 Plymouth Rd., Plymouth, MI 48170. (734) 737-4221. E-mail: scott.flaugher@unisys.com

WANTED: Shaw television from 1952 with doors. There must be one out there somewhere! Fred Ringwald, 2909-A Mesa Rd., Colorado Springs, CO 80904. (719) 635-8595. E-mail: fred.ringwald@wcom.com

WANTED: Technical information Gilfillan GN-5 other than Rider's (I have that). Please help. Thanks. Milt Faivre, K4EBT, 1445 2nd Rd. SW, Vero Beach, FL 32962

WANTED: AVO 163 tube tester, Hickok Traceometer probes. Thanks. Chris Demeroukas, 133 Basswood Rd., Springfield, IL 62707. E-mail: swl@fgi.net

WANTED: NRI, Conar or other correspondence kits; prefer unbuilt. Also seek complete correspondence courses in radio/TV from 1940s-1960s. Illness prevented some earlier responses, please try again. Art Sabin, 315 S. Plymouth Ct., Chicago, IL 60604. (312) 987-1441. E-mail: 7sabin@jmls.edu

WANTED: Early Atwater Kent breadboards such as 4120, 4066, 4205, etc. Also tipped 201As or 200s, gold Airline 201s. Also, need a Zenith black dial chassis & speaker with 4 knobs in a line below the dial face. Restorable. Thanks. Mike Fletcher, 1204 Cedar St., Niles, MI 49120-2636. (616) 684-2174. E-mail: fletchms@qtm.net

WANTED: Raytheon 8TP1, FM101A radios (transistor), CK Series transistors, point contact transistors. Dennis Miller, 2652 Magnolia Ave., San Diego, CA 92109. (619) 273-2081, ans. machine

WANTED: Original Zenith AC adapter part number S-64352 for Zenith 3000-1 Trans-Oceanic radio. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: Early 1920s crystal radio. Aetna Radio Phone Corp. of America. Switched taps and adjustment. Daniel Crowley, 61 Central Ave., East Hartford, CT 06108. (860) 282-1309

WANTED: Hallicrafters SX42, must be mint. Also want Drake 4NB blanker for R4C. Jim Taylor, G4ERU, No. 5 Luther Rd., Winton, Bournemouth, England BH9 1LH. Ph./fax: +44-1202-510400

WANTED: (5) white pushbuttons for 1964 Studebaker, GM Delco car radio. Richard Dzick, 31572 Juniper Ln., Warren, MI 48093. (810) 268-4671. E-mail: n8mqu@aol.com

WANTED: Excellent original working Majestic 886 Park Avenue console. Decals for Stromberg-Carlson 231-F. Joseph Di Caro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. E-mail: fox@globalserve.net. (905) 848-7759

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Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

WANTED: Front cover latch (top part) for Zenith Trans-Oceanic Models 8G005 & L-600. Bob Sherwood, 202 D SW, Miami, OK 74354. (918) 542-6058. E-mail: sherwb@hotmail.com

WANTED: Test instruments by the Biddle Company. Electric clock in wood wall mount case. H. Weiland, 8946 W. Grantosa, Milwaukee, WI 53225. (414) 463-4681. E-mail: hweiland@execpc.com

WANTED: Capehart flipover changer for postwar model, complete. Bruce Mercer, 1226 S.E. Second St., Evansville, IN 47713. E-mail: maxbud12@aol.com

WANTED: Record cutting machines, 50s doowop rockabilly records, suitcase phonographs, Chrysler automotive record players. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 869-4963

WANTED: Western Electric speakers, loudspeaking telephones: 551, 555, 594, 597, 713, 720, 754; amplifiers: 25A/B/C, 86A, 91A, 117A; tubes: 104D, 205D, 217A, 262A; input/output trans. Acrosound TO350. Ming Yang, 1995 University Ave., #119, Berkeley, CA 94704. (925) 376-4220. E-mail: yang1240@aol.com

WANTED: Old miniature motors and telegraph keys. G. Faassen, Heideweg 1, 5953 T.L. Reuver, Holland. Fax: 0031-77-474-6683

WANTED: Complete, restorable corner console, such as Stromberg-Carlson 340V, 340W, 340Y, 350V. Ted Rogers, 6938 E. Waco Dr., Syracuse, IN 46567. (219) 457-8886

WANTED: Mics. Astatic T-3, UT-48. Shure CR80/41, 705, 707, 520, 510. Turner BX/BD, CX/CD. Tom Ellis, Box 140093, Dallas, TX 75214. (214) 328-3225. E-mail: Tgarner@flexcomp.com

FOR SALE: Radio Shack 300 channel trunk tracker scanner table model with manual used once, Model Pro 2050 – $150. Daniel Seidler, 3721 W. 80 St., Chicago, IL 60652-2415. (773) 284-8221

FOR SALE: Heath IO 4540 5 MHz oscilloscope, manual copy plus Bell & Howell schools manual for this scope, like new – $75 + shipping. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207

FOR SALE: Information on crystal sets and components. Are your curious about the parts they used in 1910, why some modern parts are not satisfactory, or want to know more about crystals themselves? Or maybe you would like the historical background of crystal detector development. For example: a crystal detector was still preferred over the tube for several years after De Forest invented the triode. SASE for free abstracts and ordering information on 11 reports that cover these topics and more, to: Crys Tech, 530 Topeka St., Kingman, AZ 86401

FOR SALE: N.O.S. Mallory 222 vibrator – $6.50 ppd. U.S. 48. Donald Zimmerman, RR 1 Box 35, Grafton, IL 62037. (618) 885-5505. E-mail: cotton@gtec.com

FOR SALE: 1929 RCA Theremin (musical instrument), two original antennae, extra vacuum tubes included. Jack Hirschorn, PO Box 8601, New York, NY 10116-8601. E-mail: marble@warwick.net

FOR SALE: 1953 Heathkit mailer, vgc. U-Test-M trouble shooting pamphlet, vgc. **WANTED:** Meter movement 0-1 mA for Heathkit TC-1 tube checker. PDK, 300 W. Lower Buckeye, Avondale, AZ 85323

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FOR SALE: Unassembled Heathkit Model IP-2728 regulated power supply – $50 plus $6 shipping. Bob Eckert, 133 E. 7th St., Clifton, NJ 07011-1104. (973) 340-0579

FOR SALE: Link Type 2051B frequency meter, good condition – $25. Shipping included. Richard Zintek, 11954 U.S. 31, Grand Haven, MI 49417. (616) 842-2211

FOR SALE: Books/lit. QST yrs '72-75; Sams TSM/CB/AR/SD, TR/MHF; Rider's 6-16 inclusive (+) 18/20/21/22. SASE or fax for list. (500) used but good tubes, radio, TV commercial – $50 + UPS. Ed Crockett, 128 Buccaneer Dr., Hattiesburg, MS 39402. Fax: (601) 264-0226, anytime

FOR SALE: 1. Robot 800 plus monitor, manual and cables. 2. Heath Model SW-717 shortwave receiver and manual. 3. Collins TCS transmitter, receiver, remote control, dynamotor power unit cables, manuals, transformers, choke for AC power supply. 4. Beckman PH meter Model G5 Central Electronics 20-A with instruction manual. 6. Square wave generator SG299 with manual. 7. FM converter tunes 88 through 108. 8. Bell & Howell 16 mm film and sound projector. Model 1574 looks new. 9. Central Electronics, multiphase RF analyzer Model 2 with manual. Will accept highest reasonable offer on any item. Shipping available through local Mailboxes, Etc. Paul D. Dilliard, WA8IBT, 1313 E. Wheeling St., Lancaster, OH 43130. (740) 653-5268. E-mail: wa8ibt@greenapple.com

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WANTED: The book, Ocean Wireless Boys with the Iceberg Patrol by Lawton. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604-3158

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WANTED: 2 meg volume controls with on/off switch and 3" long shaft. Dick Ender, 806 Lee St., Milan, MI 48160. (734) 439-2545

WANTED: NRI radio kits #1, 2 & 3 with manuals (prefered) unbuilt. Will consider built, if complete. Must be from 1940s-1950s. Art Sabin, 315 S. Plymouth Ct., Chicago, IL 60604. (312) 987-1441. E-mail: 7sabin@jmls.edu

WANTED: Phonograph related advertising items: Vogue picture records, original dealer advertising from Edison, Victor, Columbia. Needle tins and cutters, Nipper advertising items, calendars. Record brushes and dusters. Pocket advertising mirrors. Dealer lapel pins, posters, puzzles, fans, broadsides. Edison, Columbia, and any wax cylinder records. Phonograph toys, toy phonographs. Thanks. Bernie Seinberg, 714 Moredon Rd., Meadowbrook, PA 19046-1907. (215) 886-6124 or fax: (215) 638-2265. E-mail: phonoman-bernie@worldnet.att.net

WANTED: Output xfmr for Zenith Model G725, chassis 7G01. Glenn Snoddy, 210 Black Hawk Way, Murfreesboro, TN 37127. (615) 867-0950

WANTED: Pre-1930 speakers: horns, exposed cone or enclosed. Collections considered. Russell Ofria, 16117 Cohasset St., Van Nuys, CA 91406. (818) 989-5222

WANTED: Decent empty Zenith 12S265 console cabinet. John O'Briant, 3120 Hartford Dr., Bettendorf, IA 52722. (319) 332-7749. E-mail: jloradio@aol.com

WANTED: RCA 121 or General Electric K-64 cathedral radio. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

WANTED: Atwater Kent airplane dial escutcheon, mid-30's 10" dynamic speaker (RCA?). John Hagman, 190 Park St., Burlington, VT 05401. (802) 865-1751

WANTED: Zenith 5S151 cabinet or entire radio. Mel George, PO Box 24934, San Jose, CA 95154. (408) 267-0697

WANTED: Wimshurst or Holtz static electricity rotating disk machines, Van Degraff machine, Crooke's or Geissler tubes. Louie Scribner, 150 E. Connecticut Ave., Southern Pines, NC 28387. (910) 695-8884. E-mail: louie@pinehurst.net

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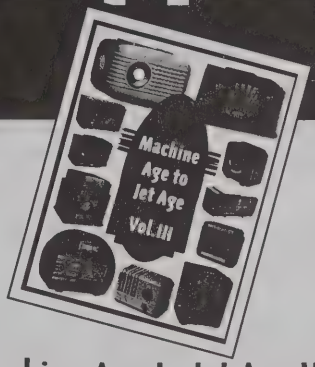

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FOR SALE: Addison A2A Catalin, case cracks glued (no pieces missing), plays – $595. J. Finkelstein, 63 Cedar Hill Ln., Media, PA 19063. E-mail: Evanor@home.com

FOR SALE: N.I.B tubes, (5) 6V6GTA, (3) 12AX7A, (3) ECC 83. Radio Boys on Signal Island. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Phone/fax: (440) 331-9206

FOR SALE: Lafayette FM rec Model HA-52A, 152-174-MC with manual – $50 OBO. David Ketry, 2600 Houma Blvd., Apt. 503, New Orleans, LA 70001. (504) 888-7895. (504) 846-5623. Pager (504) 441-4115

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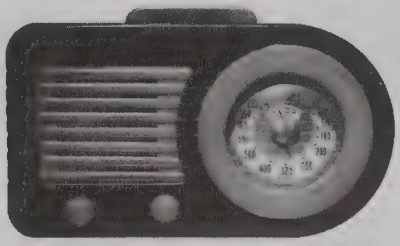

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WANTED: Atwater Kent H, L and M speakers, any condition. Mark Murphy, 300 N. State St., #2101, Chicago, IL 60610. (312) 467-4205. E-mail: PiscoCal@aol.com

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FOR SALE: Honeycomb coils, DeForest or Pacent Elec. Co., 4 pcs. – Make Offer. L. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150

FOR SALE: Zenith sale: 5G500 Universal tube portable – $25. 5S126 BC-SW cube-type – $125. 6D2620 BC-SW boomerang dial – $55. H725 Bakelite brass dial – $25. Stephen Schaub, PO Box 1258, Peoria, IL 61654-1258. (309) 681-8304

FOR SALE: This tube set was designed to be shot out of a cannon! 1955 radio proximity fuze with crimped-on battery – $90 ppd. Roush, PO Box 26480, Tempe, AZ 85285. E-mail: roamer22@earthlink.net

FOR SALE: Federal booklet. 64 pages, story of Federal Radios 1921-29. 60+ illustrations of radios, parts, amplifiers & detectors, list of models with dates, good quality printing – $7.95 including postage. Larry Babcock, 8095 Centre Ln., East Amherst, NY 14051

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FOR SALE: (60) table model radios. From Admiral to Zenith, 1930s to 1950s, list SASE. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. Pkt mail: w2ioj@ke2vw.#wny.ny.usa.noam

FOR SALE: Drake MRT55C VHF transceiver – $75. 1922 regen. rec. + audio – $150. King Baronet – $150. Orion 53F or Graetz 4R1417 – $125. Cathedral speaker – $75. Ernest Odeneal, K5QJF, 2710 Lee, Greenville, TX 75401. (903) 455-2113 or 5788. E-mail: odeneal@webwide.net

FOR SALE: New tubes. Did you ever spend hours surfing the Net for the tubes you need only to lose a bidding war? Let me help. I'll be glad to send you a complete list of my new old stock inventory with prices listed. Send a SASE to: Jeff Arndt, 1215 Division St., Manitowoc, WI 54220-5734

FOR SALE: Send LSASE for large list of old radio/electronic books, catalogs, magazines & misc. ephemera. Maureen Martin, 1407 Memory Ln., Lutz, FL 33549. (813) 949-1835

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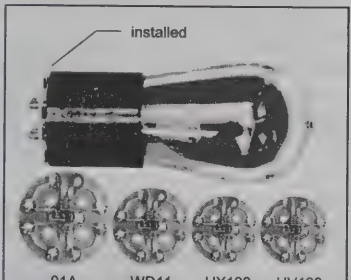

Model #	Also fits
01A	00, 00A, 01, 201A, 301A, 12, 112, WD12, 40, 71, 171
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UV199	—
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Order the H15 of parallel filaments or the H16 for series filaments.

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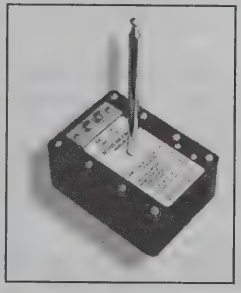

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FOR SALE: Stock certificate, "Radio," Bulgarian, 1919, orangy color, fancy vignettes, stamps, extremely fine – $125. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

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FOR SALE: Panasonic RF-5000A works exc, as is – $250. Very rare RCA Strato-World solid state 6-band 1971 exc – $275. Zenith T-O 1000-1 complete exc – $175. Ted Demski, 5806-225 Pl., SW, Mountlake Terrace, WA 98043. Ph/fax: (425) 778-7100

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(supplement)

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FOR SALE: Chapman's Radio Boys, (13) recreated dust jackets – $65. Reprints, other Radio Boys books. Jim Towey, The Adventure Continues, 249 Hartland Rd., West Granby, CT 06090. (860) 653-7447. E-mail: toweyj@aol.com. URL: http://members.aol.com/brentwooda

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FOR SALE: Exact reproduction glass dials for Sentinel 284 Catalins. Send – $23 ppd. Radioart, PO Box 102, Centerbrook, CT 06409

FOR SALE: Sams 1977-3089, unused – $2 plus postage. Joe Koehler, 1919 W. Nimisila Rd., Clinton, OH 44216. (330) 882-5281

FOR SALE: Raytheon #2500 transistor set, early – $100. Early Panasonic VCR #8420 – $30. GE Long Range wood AM/FM – $20. Sonachorde cone speaker, working – $65. Federal 110, cabinet only – $125. Federal DX58 wood cabinet, only – $110. Delco R1228 red 6-tube – $30. RCA 65X2 ivory – $20. Hallicrafters Civic Patrol, vg – $20. Radiola AG814 loop – $100. Radiola AG 1380 loop – $125. Spider web loop – $50. A.K. cone speaker F2, good – $40. Emerson Moderne – $25. Wurlitzer Ball crystal set – $95. All plus S+H. Wally Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512, please call before 9 pm

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FOR SALE: Ampex 2/4 track series 21A tape recorder in portable case, exc – $125 + ship. Charles C. Kirsten, Radio Relics, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

FOR SALE: Last chance, Ghiradi's Modern Radio Servicing, 1st Ed. – $35, and Radio Physics Course, 2nd Ed. – $35. Plus shipping. Wini Reauveau, PO Box 73032, Las Vegas, NV 89170-3032. (702) 795-2613

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WANTED: RCA 143, Atwater Kent 356, Philco 90, Stewart-Warner R-1301-A, excellent condition and original finish. Mark Murphy, 300 N. State St., #2101, Chicago, IL 60610. (312) 467-4205. E-mail: PiscoCal@aol.com

WANTED: Atwater Kent 82 cathedral radio in excellent and working condition. Jim Montgomery, 8360 Azita Ct., Garden Grove, CA 92844-1172. (714) 530-2029. E-mail: mcm95@aol.com

WANTED: WWII Japanese military radio of any kind; WWII Japanese military hardware especially aircraft related. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan. Fax: 011-8145-301-8069. E-mail: takadoi@carrot.ocn.ne.jp

WANTED: Old style indoor AM, S/W radio antenna (vintage). Will consider homemade. Harry Mac Mullan, 469A Garnet Mine Rd., Boothwyn, PA 19061

WANTED: Gates Dynamote-70 manual/schematic. Cheesebox or other bookie telephone or radio items. Hal Layer, KK6HY, PO Box 27676, San Francisco, CA 94127. E-mail: hl@sfsu.edu

WANTED: Philco 39-6289 chassis and speaker. Radio Ray, 520 Gladstone, Shreveport, LA 71104. (318) 868-1202

WANTED: Altec-Lansing 13367 Hi-Z input tray; IGM radio automation components. Rob Leftwich, 3718 Chesterton St., Roanoke, VA 24018. (540) 989-4235. E-mail: rleftwich@earthlink.net

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WANTED: Western Electric 753, 713A, 32A. **FOR SALE:** Tannoy GRF, other Western Electric. Frank Cooney, 30 Columbia Ave., Cranford, NJ 07016. (908) 272-0676. E-mail: fjc1z@worldnet.att.net

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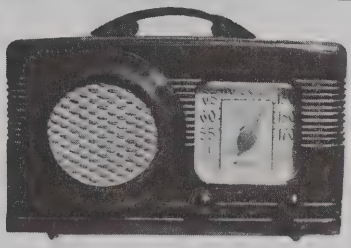

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WANTED: Signal Corps BC-1387 coupling box (WWII). Bill Jewell, 3800 Ridgehaven Rd., Fort Worth, TX 76116. (817) 377-4664. E-mail: OldRadios@aol.com

WANTED: Mystery chassis (A.R.C. Sep.'98, p. 9). **FOR SALE:** Tubes, parts, books/papers, radios, Zenith 4K-635, Silver-Marshall Silver 30, Bendix 626A & 75P6U, many others. 16 pp. 55¢ LSASE. W.F. Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: wehcoll@tidalwave.net

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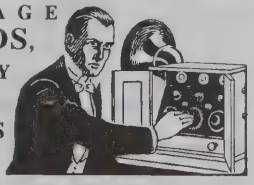

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FOR SALE: (2) vg used 6JG6 and (2) vg used 6LQ6 tubes – $20 each. Bob Barr, 3130 Bellanca St., Columbus, GA 31909. (706) 322-2180

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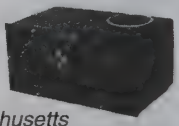

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WANTED: Yaesu FT726R/736R, Heath HW-16, Knight T-50/60. Don Trayes, WB4CVH, Box 2114, Winter Haven, FL 33883-2114. (941) 298-0537. E-mail: wb4cvh@ithink.net

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WANTED: Seeking Grundig Majestic radio, Model 2028, made during Vietnam era. Joe Fuchs, PO Box 15331, Columbus, OH 43215-0331. (888) 299-9743. E-mail: whyguy3@yahoo.com

WANTED: Miller coils A320H, B320C, C320A, 626A, 3997C, 012M5; Meissner 14-1042, 14-7478. Mike Bittner, 27215 Sunnyridge Rd., Palos Verdes, CA 90274. (310) 377-4797

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WANTED: RCA 15K console cabinet, Fada and other large tombstones, 30s era brochures, manuals. Mark Oppat, 253 Blanche St., Plymouth, MI 48170. (734) 455-4169

WANTED: Kenwood VFO 230, sale; (2) new UTC A-19 plus one AH-426 – $40 ea. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

WANTED: Air King Skyscrapers, wealthy extraterrestrial seeks examples of this architectural marvel for new intergalactic communications museum. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

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WANTED: Zenith chassis Zenette Model 210 or 210-5. C. Kirkpatrick, 2328 Lake St., Kalamazoo, MI 49001. (616) 345-1164. Fax: (616) 345-3026

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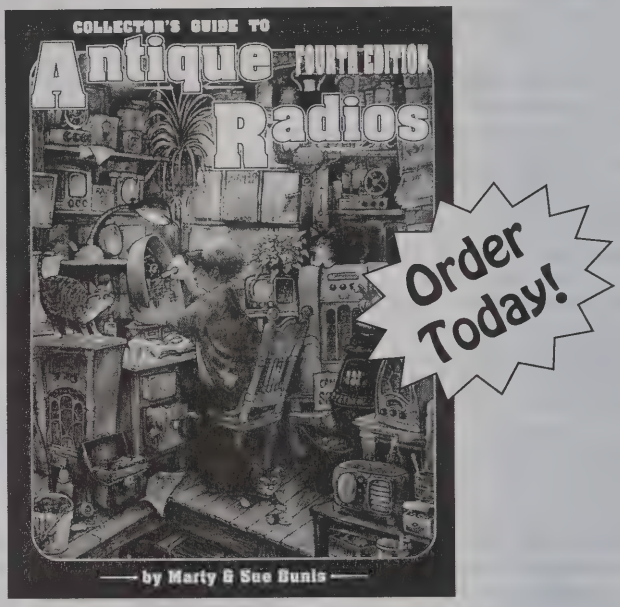

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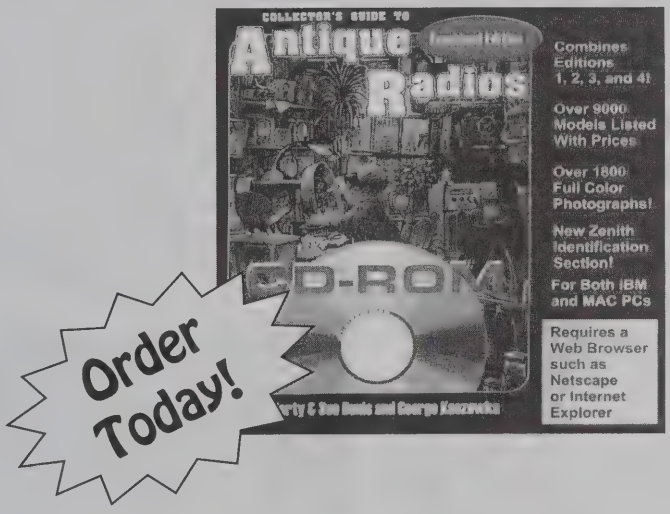
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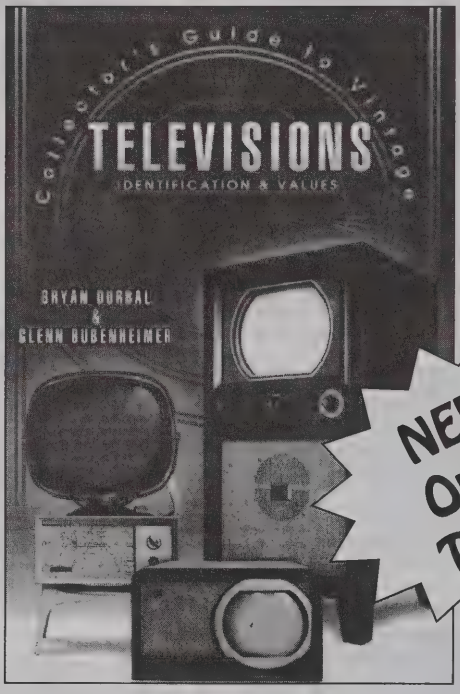

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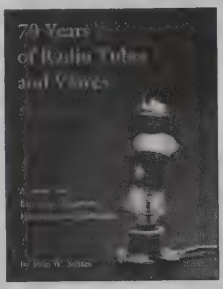

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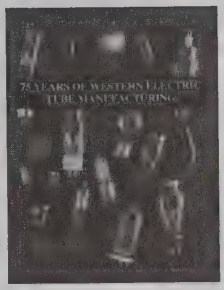

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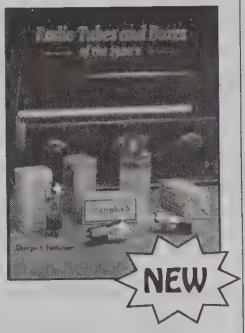

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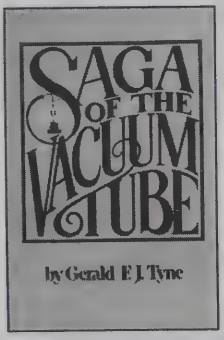

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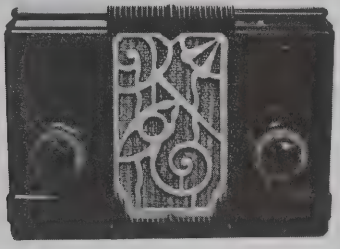

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WANTED: (12) pushbuttons for GE Mod 260, spkr, vibrator and cover box of internal bat. I pay your price. João Mello, PO Box 101, São Roque S.P., Brazil 18130-000. E-mail: jmello@esrnet.com.br. URL: www.bn.com.br/radios-antigos

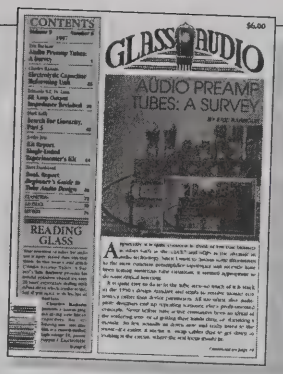
WANTED: Zenith annual reports 1956, 57, 58, 59, and 1961. Eldon A. Horton, 8187 LaHabra Ln., Indianapolis, IN 46236. (317) 823-6374. E-mail: radio@inetdirect.net

WANTED: Zenith Trans-Oceanic bomber 7G605, mint condition. Will pay $800 for this radio. Kenneth F. Cerva, 3851 Harbor Hts. Dr., Largo, FL 33774-1209. (727) 584-6471

WANTED: Convex Detrola glass, flat sides, rounded top and bottom, 3 3/4" wide, 3 1/2" high. Dennis Smith, Box 113, Trenton, MI 48183. (734) 675-5847

WANTED: Escutcheon and instruction manual for Dynaco SCA-35 integrated amp. Also complete SCA-35s wanted. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: National HRO-5A1 coils E&F. Will trade 2 for 1 HRO coils. Don Barsema, 1458 Byron SE, Grand Rapids, MI 49506. (616) 451-9874



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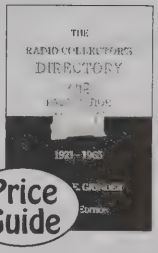

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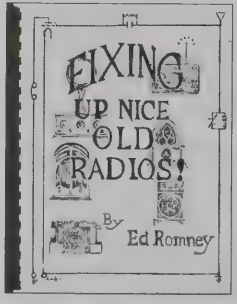

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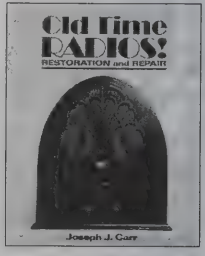

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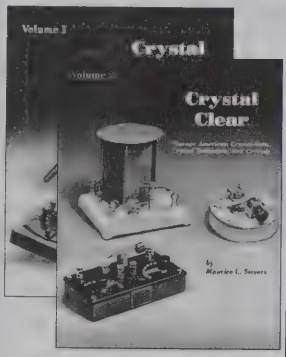

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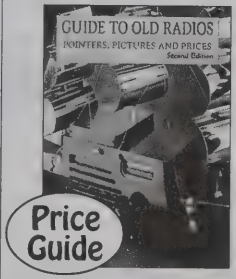

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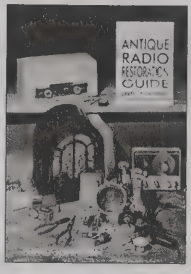

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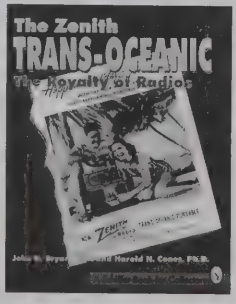

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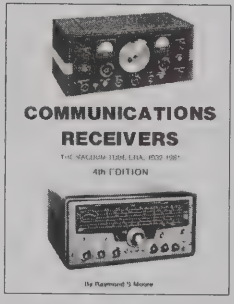

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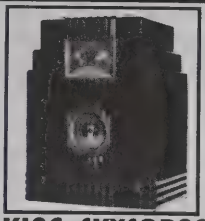

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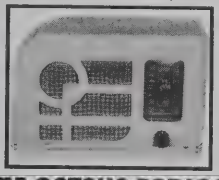

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FOR SALE: N.O.S. Klystrons: V39B, 2K25; 2K28, 2K29, 2K48, 6236, 6279, 7650, others used tubes, SASE. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. Pkt mail: w2ioj@ke2vw.#wny.ny.usa.noam

FOR SALE: Zenith R7000-02 mint, no back or knobs – $150. R7000-02 Zenith schematic orig. – $40. Carl Duck, PO Box 1931, Hallandale, FL 33008. (305) 949-2644

FOR SALE: New antenna Hy-Gain multiband verticals – $100 + $35 shipping. Also new LGB German passenger train set w/trans Model 20301 – $400 + $35 shipping. John Nosbaum, W9BJP, 2743 Wilmette Ave., Wilmette, IL 60091. (847) 256-0547

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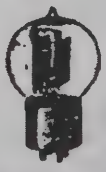

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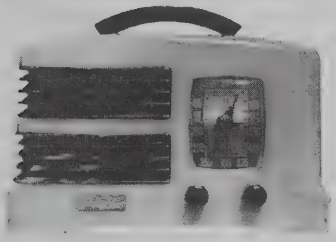
WANTED: VW/Audi novelty radio. Prefer excellent working condition. Also interested in Volvo novelty. Thomas King, 251 Bradley Ave., Mount Vernon, NY 10552. (914) 668-2911. E-mail: lj4tiger@aol.com

WANTED: Minitube and subminiature tube coat pocket size plastic radios. Also Emerson 801 and 850 portables. Damaged beauties also purchased. Mike Brooks, 7335 Skyline, Oakland, CA 94611. E-mail: miniwave@aol.com

WANTED: Meteorites!!! Will buy or trade for my radios. Henry Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (732) 244-2345. E-mail: trabold@exit109.com

WANTED: Glassware, ice bucket for Radiobar console at reasonable price. Robert Turcotte, 1890 Arlington Rd., Roanoke, VA 24015. (540) 342-8521. E-mail: turcotte@rev.net

WANTED: Heathkit GR-10 or GR-11 or just dial pointer. Andrew Mitz, WA3LTJ, 4027 Ambler Dr., Kensington, MD 20895. (301) 897-5531. E-mail: arm@gnode.org. URL: http://www.somerset.net/arm/fm_only.html



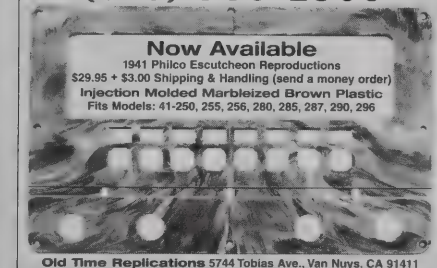
WANTED: Symphony and Detrola Catalins. If only you knew how necessary these radios are to my very existence. Gee, if you knew that you'd probably never call or hope I'd wither away ending once and for all these stupid ads. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Arcturus 01-A, Gm over 400, paying $35 ea. Also Arcturus 71, 24, 51, 80. Please write with quantity and asking price. J.K. Grady, 5 Park St., Ayer, MA 01432

WANTED: Information on American Electric Chicago telephone transmitters. Paul Recupero, 265 Union St., Portsmouth, RI 02871. (401) 847-8589

WANTED: Crosley chassis Model 124 and technical data other than Rider's. Terry Rohler, 18 Joyce St., Stafford, VA 22554-3737. (540) 659-0263. E-mail: rohler@erols.com

(818) 786-2500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WANTED: The Acme wood horn speaker pictured above. It's called a "Kleerspeaker". The driver is behind the square wooden horn bell. Any condition would be helpful. Thanks. Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649. (508) 477-1578

WANTED: Complete or rotorless KL-7, TypeX, Enigma cryptographic equipment. Richard Brisson, 159 Grandpre Ct., Navan, Ontario, Canada K4B 1K3. (613) 830-0379. E-mail: hagelin@magi.com

WANTED: Example of Everest, Hercules, and Red Sonatron tube in box. Other unusual off-brand tubes. Larry Daniel, 1758 Chennault Cir., San Antonio, TX 78226. (210) 923-2634. E-mail: LDaniel102@aol.com

WANTED: Manual, parts, anything for WE/Navy GN transmitter. Also, early GO, GP, GQ. William Donzelli, 15 General MacArthur Dr., Carmel, NY 10512. (914) 225-2547. E-mail: aw288@osfn.org

WANTED: Panasonic radio Model RE-7300, which is a stereo set. Fred Streisfeld, 65-22 Parsons Blvd., Flushing, NY 11365

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FOR SALE: Recordio chassis and speaker Model 7F44, clean untested – $50 plus UPS. Norm Kutzke, Box 272, Kawkawlin, MI 48631. (517) 684-0649

FOR SALE: Crosley 10-133 radio, white – $65. Philco transitone 17" green/white metal mid-50s TV – $85. Sam Mannino, PO Box 331, Villanova, PA 19085. (610) 353-6747

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FOR SALE: Photocopies: Hallicrafters S-22, Radiola III, other radio, tube, T.E. manuals. Novelty radios. List LSASE. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. (765) 459-8308. E-mail: w9itt@juno.com

FOR SALE: Several working sets, cases broken, for price of tubes plus shipping. Dave Smith, Box 81, Olney, IL 62450. E-mail: k9uim@otbnet.com

FOR SALE: Zenith 11S474 large black dial console – $250. Bob Putnak, 1507 4th St., Monongahela, PA 15063. (724) 258-6236. E-mail: tubeaudio@home.com

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FOR SALE: 1950s portables: Sonora candid camera case style, nice – $75. Philco flashlight radio C666, vg – $65. Westinghouse, gray with chrome like accents, nice – $40. British Eveready Sky Queen, nice – $75. **WANTED:** Kadette portable; Amrad 3366, portable radios with hybrid or subminiature tubes. Andrew Mooradian, 5 Priscilla Ln., Winchester, MA 01890

FOR SALE: Tubes – $1 ea. for AC/DC radios, older TVs, no power tubes, others, call. James Wright, 4307 Hwy. 166N, Maynard, AR 72444. (870) 647-2913

FOR SALE: Jensen TP-200 3-way reproducer beautiful mahogany cabinet, pick up only, Pearce-Simpson SSB CB transceiver, Kris power pump linear amp. Offers please. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

FOR SALE: Sentinel 195U chassis; Admirals 5R32N, 217; Emerson 811; Zeniths K510, boxed Royal 20. Angelo Pallotta, W2TPW, 1367 D'Angelo Dr., N. Tonawanda, NY 14120. (716) 695-0329

FOR SALE: Hundreds of tube, transistor, novelty, amateur radios; military radios, uniforms; test instruments. Hearing aids, tape recorders, multibands, radio station transcriptions. Scanners, antique medical, other books. Antique speakers. Electronic oddities. For list, send two-stamp LSASE to: John Enigl, Sr., K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

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FOR SALE: WD11 BBT fil. good – $85. Many other tubes. Tony Rinaldo, 308 Lenox Ave., Oneida, NY 13421. (315) 363-3644

FOR SALE: Johnson Valiant I, NC/300, Hammarlund HQ-140X, electronic engineering SS-75 exciter w/ manual, PU. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612, after 6 pm

FOR SALE/TRADE: Kadette Deluxe Jewel 41 marbled walnut w/pearlescent grille. **WANTED:** International Kadettes, Detrolas, Spartons. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

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102D / 102F (TB) $180 NOS, $100 used
102D / 102F (ST) $35 NOS
205D/E (TB) $445 NOS, $285 used
211A/D/E $280 NOS, $150 used
212A/D/E $750 NOS, $250 used
231D $65 NOS, $30 used
242A/B/C $300 NOS, $150 used
252A $1200 NOS, $700 used
261A $155 NOS, $80 used
262A/B $65 NOS, $35 used
274A / 274B $250 NOS, $180 used (Engraved Base)
274A / 274B $200 NOS, $130 used
275A $140 NOS, $65 used
300A $900 NOS, $675 used
300B $875 NOS, $525 used (Engraved Base)
300B $565 NOS (1950's and 1960's printed base)
310A / 310B $20 NOS, $12 used
331A $45 NOS, $23 used
348A / 349A $95 NOS, $45 used
350B $210 NOS, $95 used
417A / 420A / 5755 $10 NOS
421A / 422A $35 NOS, $15 used

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2A3 (Single Plate) $180 NOS, $100 used
10 Balloon $80 NOS, $35 used
45/245 Balloon $65 NOS, $28 used
50 Balloon $220 NOS, $120 used
VT-52 $120 NOS, $60 used
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80/280 Balloon $32 NOS, $20 used
211 RCA /United $125 NOS
845 $200 NOS, $95 used

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Neumann M-49
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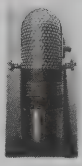
RCA 44
RCA 77
Sony C-37A
Telefunken ELAM 251

TUBES FOR MICROPHONES:
Telefunken VF-14 $600 NOS, $400 used
Telefunken AC701K $120 NOS



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FOR SALE: Zephyr ZR620, blue, no chips, original leather case, plays – $150 ppd. Electronics Jan-Dec 1944, each over 350 pages – $25 + post. (18 lbs.). Nine Army training manuals 1944-1952, electrical, electronic subjects – $15 + post. (6 lbs.). H. Loos, 210 Ingraham Ln., New Hyde Park, NY 11040. (516) 354-1943. E-mail: hcloos@webtv.net

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FOR SALE/TRADE: Kadette Deluxe Jewel 41 marbled walnut w/pearlescent grille. **WANTED:** International Kadettes, Detrolas, Spartons. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

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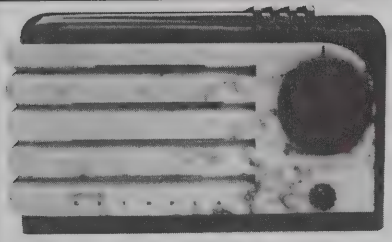
WANTED: Will pay $1,000 for acceptable complete radio correspondence course dated from 1940s-1970s by NRI, Sprayberry, etc. Must have all associated kits unbuilt; everything must be there. Art Sabin, 315 Plymouth, Chicago, IL 60604. (312) 987-1441. E-mail: 7Sabin@jmls.edu



WANTED: Prewar plastics by Detrola, Kadette, RCA, Philco, etc. My cousin Vinny and I, we was thinking, "Hey, we got the cash," (a cool mil, to be exact), "so let's spend some before dem girls gets hold of it." You know what I'm saying? Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

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WANTED: Chassis/speakers: AK 84, Thompson Minuet. Cabinets: Federal 8, 61 and 110. Ted Hutson, 11 1/2 Winthrop Ave., Beverly, MA 01915. (978) 922-3405. E-mail: tedhutson@yahoo.com

WANTED: Heathkit SB-301 series knobs, two large and three small. Robert Perlstein, W1IV, PO Box 642, Old Orchard Beach, ME 04064. (207) 934-9206. E-mail: Perls@ime.net

WANTED: Collections, bulk and estate sales of radios, tubes, literature, advertising, etc. Radio Daze, John & Kathy Slusser, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: Older guitars, guitar amps. Fender, Vox, Gretsch, Gibson, Rickerbacker, Martin, Marshall, Selmer etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355.

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WWII MILITARY TELEVISION WANTED. Army/Navy SCR, ATJ, ATK, ARK, ARJ, CEK, CRV. Receivers, cameras, monitor, transmitters, dynamotors. Maurice Schechter, 590 Willis Ave., Williston Park, NY 11596. Ph/fax: (516) 294-4416

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WANTED: Front panel for Pilot SuperWasp AC any condition also internal metal parts. Joseph B. Kelber, 503 S. Scranton Ave., Scranton, KS 66537. (785) 793-2323

WANTED: Catalin parts, paying $20-$100 per knob or grille, handle, chassis or damaged cabinet. Radio Ray Carroll, 158 Oakwood Dr., Wayne, NJ 07470. (973) 696-1149

WANTED: Original photographs of storefront window displays or dealers showcases of transistor radios. J. Black, 132 N. Burns, Valley Center, KS 67147. E-mail: jblack@southwind.net

WANTED: Sherwood 7010A tuner. AKG BX 10 BX 15 studio reverbs. Urei 546 eq. John Sampson, 75 Glenwood Dr., Leominster, MA 01453. (978) 537-0092. E-mail: sampsonj@massed.net

WANTED: Several knobs for an Emerson 1003 or 512. See Bunis #4. Dwight Hill, 1209 Royal Pointe Dr., Bloomington, IL 61704. (309) 663-7599. E-mail: dahill@fgi.net

WANTED: Italian-made Ducati radio, any model, any condition. Steven Rossi, 8540 Pine Cove Dr., Commerce Twnshp., MI 48382. (248) 366-9082. E-mail: SLDMRossi@aol.com

WANTED: Speaker for Majestic Model 20 grandfather clock radio, Tram Diamond 40 Majestic 261 cabinet (Stein, Vol. II). Ted Depto, The Philco Collector, 913 5th Ave., Patton, PA 16668. (814) 674-8834

WANTED: Acrosound TO350, UTC transformer. Western Electric speaker, receiver, loud speaking telephone; amplifier: No. 25; tube: 104D, 217A, 262A. Ming Yang, 1995 University Ave., #119, Berkeley, CA 94704. (925) 376-4220. E-mail: yang1240@aol.com

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WANTED: Audio transformers, anything Western Electric, old electronic books, catalogs, microphones, big old speakers. V. Vogt, 2311 Pimmit Dr., #114E, Falls Church, VA 22043. (206) 295-4418. E-mail: v22043@webtv.net

WANTED: Fisher stereo receiver Model 913 or 913A, working or not. Matt Kachmarchi, RD2, Box 1341, Cherry Tree, PA 15724. (814) 948-7526

WANTED: Basket case tombstones, cathedrals, especially Philco 16B tombstone, very big & small sets. John Hagman, 190 Park St., Burlington, VT 05401. (802) 865-1751

WANTED: Chassis and speakers for Zenith 5S56 and 6S52. Lawrence Key, 156 Shearin Ave., Danville, KY 40422-9520. (606) 854-6320

WANTED: Grundig Satellit 1400. Les Cammer, WB6OLL, 4913 Rhoads Ave., Santa Barbara, CA 93111

WANTED: Radios with chrome grilles. Square push-buttons used on Stewart-Warner radios. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

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WANTED: Grundig Satellit 400, Hallicrafters TW-1200, Panasonic B600. Gerald Silver, 10863 W. Clairmont Cir., Tamarac, FL 33321. (954) 720-1972

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WANTED: E.H. Scott! E.H. Scott! E.H. Scott! Interested in Scott battery and A.C. sets, military, accessories, advertising, and literature. Check with us before selling your items, we are very serious Scott collectors. Radio Daze, John & Kathy Slusser, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com. Web: www.ehscott.com

WANTED: Last month and still this month, a Magnecord 1020 r-t-r tape deck with cabinet. If you have one, bring it to the VRPS convention, in Dallas, 29th, 30th, and 31st of October. Thomas Peters, PO Box 3925, McAllen, TX 78502. E-mail: oskimo@juno.com

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. 1-805-259-2011

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FOR SALE: Emerson Model 30 – $85 plus UPS. Hugo Kann, 2320 King's Ct., Marion, IA 52302. (319) 377-1090, evenings. E-mail: hmkann@home.com

FOR SALE: RCA 7BX6J portable, green color, plays – $35. Paul Brouillette, 611 Illinois St., Geneva, IL 60134. (630) 208-6406. E-mail: pjb@inil.com

FOR SALE: Zenith Trans-O 600 and an H500 both in complete excellent condition with a restored chassis, all plastic is great – $195 plus UPS. Gerry Harmon, 10803 Cheateau Hill, Austin, TX 78750. (512) 219-0072. E-mail: wharmon1@austin.rr.com

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WANTED: (2) Binding posts for Martian xtal radio, also prewar German tube LC11. Neil Dorfman, 7028 Clements, W. Bloomfield, MI 48322. (248) 661-8770

WANTED: Zenith chrome grille tombstone Model 835 and driver for Stromberg 16 cone speaker. Chris Hicks, RR 2 Box 342, Clinton Corners, NY 12514. (914) 266-4257

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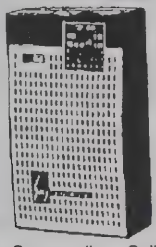
WANTED: Firestone Air Chief 4-A-10 table radio, Arvin 852P portable, eight 1942 Philco knobs. Tony Herzing, 402 Walnut St., Ridgeway, PA 15853. (814) 772-5256

WANTED: Stancor PCO/PSO150, PCO/PSO200, RC8150, Altec TI401. Richard P. Robinson, PO Box 1425, Wallingford, CT 06492. (203) 949-0871. E-mail: richmix@erols.com

WANTED: Philco 70 w/original finish and brass escutcheon. Michael Harrington, PO Box 250995, Little Rock, AR 72225



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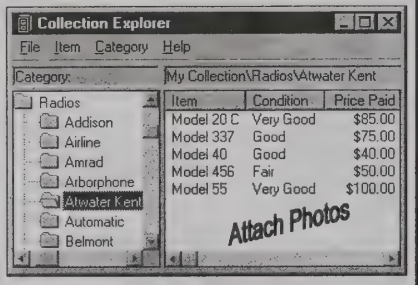

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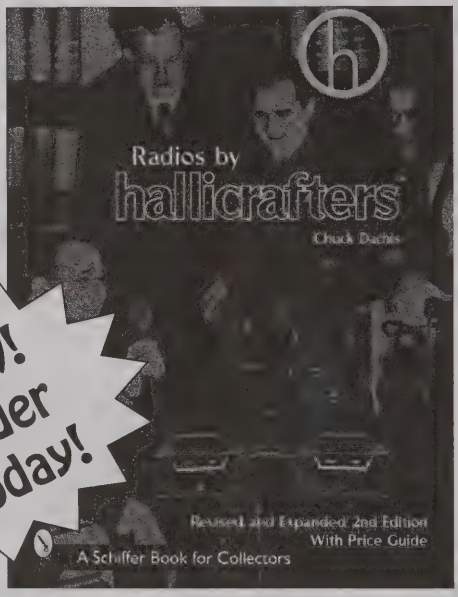

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FOR SALE: Pocket transistor radios. Send SASE for list. Serge L. Krauss, 141 Homan Ave., Elkhart, IN 46516-5027

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FOR SALE: The Radio Girls on Station Island, by author Margaret Penrose. Mathew W. Lineberger, 295 Grove St., Providence, RI 02909. (401) 831-0976

FOR SALE: Crosley Pup, 071A Arcturus – $395. Emerson, (2) Ingraham, DB-315, EG-347, (refer E.O.R. 1-2), exc – $95 ea. Plus. C. Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

FOR SALE: TI 59 programmable calc. – $75. HP 34702A multimeter – $50. Pioneer quad rcvr QX949 – $75. Craig 8-track stereo recorder H261 – $30. BSR McDonald rcvr with 8-track – $25. TRS-80 Mod 4 with printer – $300. All plus shipping or BO. Randy Seifert, Box 45, Middle, IA 52307. (319) 622-3568. Fax: (319) 622-3461

FOR SALE/TRADE: New second edition of Guide to Old Radios. I now have two copies! Warren Sprague, 11855 Orlando Cir., Waynesboro, PA 17268. (717) 762-7283

FOR SALE: Wilcox-Gay Recordio tube, mono tape recorder, complete, working – $50. Plus UPS. **WANTED:** '37 or '38 Philco 11 to 15 tube radio, w/ or w/o cabinet; Philco 37-116-122 owners manual (or copy). Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. (847) 803-3050

FOR SALE: Grab bag special: Hundreds of pounds of parts, mostly new, some in original packaging, including jacks, plugs, wires, cables, needles, lamps, controls, meters, relays, misc. hardware, and much more other stuff. A generous 5 pound box, no 2 alike, for – $10 ea. Fisher 440-T receiver – $125. Philco stereo Model H-1814, 1960, console tube type, w/2 electrostatic speakers – $75. Ampex #860 reel-to-reel 3 speed, 3 head tape recorder – $125. Heathkit BE-2 battery eliminator – $45. RCA portable radio RGM-49E – $30. EICO 667 tube tester, with roll chart & data – $125. Goodmans (England) 15-inch woofer – $75. Eico #460 5-inch oscilloscope – $35. Heathkit oscilloscope IO-D-203 – $50. Silvertone #7024 table radio – $75. Sony Model TV-413, 3 1/2" B&W TV/AM/FM – $75. About 125 Sams AR (auto radio) books – $6 ea. About 3,000 Sams Photofact folders, call for model lookup and available numbers – $3 ea. Bell & Howell 16mm sound movie projector Model 1535B – $100. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

FOR SALE: RCA Model WO-535A oscilloscope, works, nice appearance – $50 plus shipping & handling. Leroy Neal, 603 Butterworth Ave., Dyersburg, TN 38024. (901) 285-5120, after 8 pm CDT

FOR SALE: N.O.S. microphone carbon GE #1281, Type 100 in sealed bottle. William K. Seiler, 8819 S. State Rd. 135, Pekin, IN 47165

the Radio Attic

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• • • • • • • • • • • • • • • • •

Advertise your radios on the Internet with full-color photographs. Your ad runs until your radio sells for one payment. We can scan your photos & crop to best show off your radio. We have other pages of interest for collectors, including featured articles, radio club events, and a "Who Knows This Radio?" page. Check us out!

the Radio Attic
P.O. Box 90
Moody, AL 35004
http://www.radioattic.com
e-mail: ads@radioattic.com

FOR SALE: Grebe Syncrophase manual (copy), 74 pages, contains history, specifications, illustrations – $15 + postage. Zenith horseshoe magnet antenna – $25. Ernie Nagy, PO Box 822, Elk Rapids, MI 49629-0822. (231) 264-9412. E-mail: elnagy1599@webtv.net

FOR SALE: Triplett 3434-A TV & FM sweep generator, exc cosmetic & working condition – $75. David Boardman, 10 Lemaistre, Sainte-Foy, Québec, Canada G2G 1B4. (418) 877-1316. E-mail: davidboardman@sprint.ca

FOR SALE: Electronic books and magazines (2 stamp) SASE or e-mail for lists. Harry Pewowaruk, 1535 N. 8th Ave., St Cloud, MN 56303. E-mail: HPewowaruk@aol.com

FOR SALE: Vacuum tubes: 1920, 1975, used and new. Fax, write or call for info. Octal socket replacement keyways available. **WANTED:** Tubes, lg, or small quantities, horn speakers and parts (especially amplion) and unusual TVs. Thanks. Bob Dobush, 126 S. Main, Wellington, OH 44090. (216) 227-0040. Fax: (440) 647-3908. E-mail: bobtheatre@aol.com

FOR SALE: Radiola 18 no spkr – $75. Atwater Kent 55C w/spkr, no cabinet – $85. David Fearing, 1072 Sea St., Quincy, MA 02169. (617) 773-6436

FOR SALE: Early European Tx triodes as RS212, M1000L, RS31, T250M, RS384 Tfk Milano (pentode); also available rare ampli tubes: Re604, Re134, VT2 TB WE, AD1 & AD100 Tfk, DET25, and many other. Please ask for items available. Contact: Nicolo Rubini, Via Mazzini, 7-35040 Masi (PD) Italy. E-mail: nirubini@tin.it

FOR SALE/TRADE: The largest selection of classic radios from all corners of the world available! Many wants too. Simon Wade, Finchcroft, Broadwater Down, Royal Tunbridge Wells, Kent, UK TN2 5PE. Telefax (44) 1892 543505. Images on e-mail: Simonwade@aol.com

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★ Stromberg, GE, Westinghouse, Emerson
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John Okolowicz, N3VSR
624 Cedar Hill Rd.
Ambler, PA 19002
or
see them on the web @
www.grillecloth.com
email: john@grillecloth.com

FOR SALE: Modern Radio Servicing, Ghirardi, and first edition – $15. Television and Radio Repairing, Markus – $5. Elements of Radio Servicing, Marcus and Levy – $10. Principles of Radio Communication, Morecroft, third edition – $5. Fundamentals of Radio, Terman, first edition – $5. Add shipping. **WANTED:** One Perless OPT #X-432-X, One Stancor OPT #A-8054, One PT #PC-8413. Michael Kruger, 152 N. 12th Ave., Upland, CA 91786. Ph./fax (909) 946-6708. E-mail: kruger.m@worldnet.att.net

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FOR SALE: H126 frig crack complete – $50. RS18 Seeburg jukebox wall sprk chrome trim – Offer. 199 Colonial tombstone wood knobs, 3 bands, nice – $165. 93BR720A Airline broadcast SW needs ref. 6 push buttons – $35. Hallicrafters HT30, nice original – Offer. National NC125 receiver, nice – Offer. Crosley 124 cathedral nice, brass bezel around dial needs ref. Universal toaster E9422-1920s. Radiodyne WCII by Western Globe Racine, Wisc – $60. RCA dynamic demonstrator transistor radio on board to be hung on wall 30" x 16" – $75. 60 Philco cath complete, needs ref. – Offer. Supreme freq modulator beautiful oak cabinet #183 10 x 9 a/c operator – $40. Airline 5-tube has 5 pushbuttons similiar to Belmont 6D111 – $65. 89 Philco cabinet needs to be rebuilt no knobs – $75. Stewart-Warner 9000B beautiful chrome metal grille broadcast BC-SW – $40. Motorola 65T 21B 6 tube – $25. Crosley 11-120 excellent – Offer. Bill Kalcik, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, after 9 pm CST

FOR SALE: Atwater Kent 145, Philco 57, Emerson 158, Gernsback Radio Manuals, Majestic Service Manuals, (4) headphones, WE, etc. Heathkit freq. meter, grid dip. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: (3) Western Electric 205D tubes. Not checked but good filaments. – $1,000 for all three. Harold Spaulding, 1567 Lilac Way, Upland, CA 91786. (909) 981-1448

FOR SALE: Vacuum tubes, all kinds 44,000 on hand. Send want list & SASE for prompt response. Tom Ivas, 2932 West 99th St., Evergreen Park, IL 60805. Ph./fax: (708) 423-0528. E-mail: tivas@xnet.com

FOR SALE: N.I.B. 10-7A8, 6-7AW7, 4-7E6, 10-7E7, 5-744, all for – $17.50 + shipping. Vibrators 6 + 12 volts. Louis L. Veltre, 643 A Sherwood Ct., Lakehurst, NJ 08733-4207. (732) 657-7592

FOR TRADE: My AK M speaker (no driver) for your AK M driver (no speaker) or will sell as is. Maureen Martin, 1407 Memory Ln., Lutz, FL 33549. (813) 949-1835

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SERVICES: Most Philco antenna coils repaired. Must be intact and untouched – $35. Edward Krawczyk, 64 Old Chimney Rd., Upper Saddle River, NJ 07458. (201) 825-3828

SERVICES: Reproduction Philco cathedral cabinet parts. Front panels, bottom moldings, rear arches. Reproduction 70, 90 or 20 cabinets. Grandfather clock finials: Philco 570, GE H-91, Crosley 124. Philco colonial clock top trim and finials. Other parts, inquire. Tube shields, Philco 20, 70 or 90. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516

SERVICES: Schematic and service information, Rider/Sams 1920-1970, send make/model – $3 ppd. Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94550. (925) 447-9365. E-mail: lerche@home.com

SERVICES: Need dial covers, knobs or pushbuttons? You're reading the right ad! Satisfaction guaranteed! New address! Rita Hutchings, 2100 Pine Valley Cove, Germantown, TN 38138. (901) 754-5565. E-mail: radiorita@hotmail.com

SERVICES: Repair/replacement of meters prior to 1935. **WANTED:** Meters before 1900, as is, your price! Ye Olde Meter Cellar, Leonard W. Cartwright, 879 Russet Dr., Sunnyvale, CA 94087. (408) 739-6025. E-mail: lencartwright@msn.com

SERVICES: Antique radio repair at reasonable prices. Work guaranteed. Midwest Antique Radio Service, 22164 Fleming Ave., Tomah, WI 54660. (608) 372-0716. E-mail: rhodes1@mwt.net. Web site: http://www.mwt.net/~rhodes1

SERVICES: Radio schematics & service data U.S. & Canadian receivers, 1920s to 1960s – $2.50 plus #10 SASE. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. (732) 269-2022. E-mail: srosenfeld@ems.att.com

SERVICES: Will repair antique auto radios. Not a collector, repairs only. Tony LeDoux, PO Box 74, Schoenchen, KS 67667. (785) 625-6075

SERVICES: Free schematics by e-mail. 1938-1953, quick response www.joes.com/home/Radiorelic, other stuff too! Zach Taylor, 1413 Broadway, Lincoln, IL 62656

MESSAGE: Vintage CB restorers, now available 9 & 11 pin octal style cable kits. Dave Mierzwinski, 13345 W. Dakota St., New Berlin, WI 53151. URL: www.Retrocom.com

MESSAGE: We have slowed down, but we are still making WD-11 adapters, etc., plug-in coil forms, rebuilding audios and doing all the things we have done for 21 years. James Fred, 5355S 275W, Cutler, IN 46920. (765) 268-2214

MESSAGE: Antique radio and TV yard sale. Tons of units. Parts, chassis, stuff from shop, girfriend's house, mom's house, garage, attic, basement as well as my 2 car garage, 2 sheds, attic and basement. Weather permitting Oct. 10. Rain date Oct. 17. Vaughn Rudisill, 17 Pearsall Ave., Deer Park, NY 11729. (516) 667-5247

MESSAGE: Would the person who purchased Marconi advertising sign at Rochester please contact me. Bob Uhelski, 21015 Meadowlark, Farmington, MI 48336. (248) 615-1828

HELP: Need schematic for Mir-ray radio (Mirror), any Rider info. Thanks. Jim Hauskins, 1403 W. Miller St., Bloomington, IL 61701. (309) 828-6879. E-mail: hausradio@webtv.net

HELP: Fisher Laboratory, Pilot 530 DX marine DF radio. Information needed for restoration project. Thank you. Kevin Murray, PO Box 668, Oldwick, NJ 08858. (800) 635-0811. E-mail: murray@spybusters.com

HELP: Advice on knobs for Webster-Rauland W-819 amplifier. Thank you. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861

HELP: Wanted, information for decoding etching on Tung-Sol tubes. M. Nemesh, 502 Green St., Freeland, PA 18224. E-mail: miken@ccomm.com

HELP: Need dial bezel for Emerson 107 (M.A.J.A. 1, p. 78). Ed Kulavick, 11871 Lake Ave. #6, Lakewood, OH 44107. (216) 228-2947. E-mail: stokula@aol.com

HELP: Dial glass for RCA wood 66X3, Catalin 66X7, 66X8, 66X9. Greg Sheppard, W3FSP, 4402 Jupiter St., Rockville, MD 20853. E-mail: moreradios@webtv.net

HELP: Has anyone had mirrors resilvered on a Sparton 557 Sled? Please call collect. Thanks! Dennis Lariviere, PO Box 1446, Lake Worth, FL 33460. (561) 585-2979

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ARIZONA – Oct. 2

ARIZONA ANTIQUE RADIO CLUB MEETING

Mesa, AZ – 440 S. 31st St.
(Home of Cal Lidback)

4 pm

Pot-Luck Dinner
Significant Others Welcome
Bring Example of Type of Radio You Collect

Info: Dave Lambert – (480) 775-0631
davidl2476@aol.com

AUSTRALIA – Oct. 2

HIST. RADIO SOC. OF AUSTRALIA SWAP MEET

Sydney – 2WS Carpark

Noon

Info: John McIlwaine – (02) 4332-6008

CALIFORNIA – Oct. 2

SO. CAL. ANTIQUE RADIO SOCIETY/ CAL. HIST. RADIO SOCIETY JOINT SWAP MEET

Pismo Beach, CA – Oceano Airfield

9 am

Info: SCARS – (818) 993-4560
CHRS – (415) 821-9800

INDIANA – Oct. 2

INDIANA HISTORICAL RADIO SOCIETY FALL FOLIAGE MEET

Greenfield, IN – Riley Park (on Apple Street)

7:30 am – Swap Meet & Operating Radio Contest
Noon – Carry-in Luncheon
Business Meeting/Election of Officers

Info: Alex Whitaker – (317) 535-4174
Mike Clark – (317) 738-4649

WASHINGTON – Oct. 2

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA – Queen Anne Library
400 W. Garfield

2 pm

Info: REPS, 9936 N.E. 197th Street
Bothell, WA 98041 – (206) 488-9518

AUSTRALIA – Oct. 3

"THE LAST GREAT VINTAGE RADIO AUCTION OF THE MILLENNIUM"

Melbourne

Time: TBA

Info: Arthur Courtney – (03) 9510 4486

MARYLAND – Oct. 3

MID-ATLANTIC ANTIQUE RADIO CLUB PICNIC & AUCTION

Arcadia, MD – Arcadia Fire Co. Fairgrounds

10 am – Picnic
11:30 am – Auction

Info: Ed Lyon, 11301 Woodland Way,
Myersville, MD 21773 – (301) 293-1773

NEW YORK – Oct. 3

GREATER NEW YORK VINTAGE WIRELESS ASSOC. – SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave.

8 am-Noon

Info: Chris Lieppert – (516) 471-9526
Chris Bacon – (516) 821-7618

VIRGINIA – Oct. 6

TIDEWATER ANTIQUE RADIO ASSOC. MEETING

Call for location & directions

7 pm

Info: Vic Johnston – (757) 825-0757, eves.
Scott Balderston – (757) 549-0449, eves.

INDIANA

INDIANA HISTORICAL RADIO SOCIETY HISTORICAL RADIO MUSEUM

Ligonier, IN – Ligonier Visitors Center
2 blocks N. of US 6, US 33, & State Rd. 5

Open Tues., Wed. & Sat.: 10 am-3 pm

Info: Fred M. Schultz, 800 S. Lincolnway
Ligonier, IN 46767 – (219) 894-9000

Attend a radio event near you, learn, meet others in the hobby, and perhaps find an item or two for your collection!

ARKANSAS – Oct. 7

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH – MEETING

Fort Smith, AR – St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 – (501) 782-8178

NEW JERSEY – Oct. 8

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ – Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)

7:30 pm

Special Guest Speaker: William Terbo, grand-nephew of Nikola Tesla

Info: Marv Beeferman – (609) 693-9430
Phil Vourtsis – (732) 446-2427

FLORIDA – Oct. 9

FLORIDA ANTIQUE WIRELESS GROUP FALL MEET & EQUIP. AUCTION

Orlando, FL – VFW Hall
4444 Edgewater Dr.

8:30 am-11 am – Swap Meet
11:30 am – Auction

Info: Dennis – (407) 740-5581
oldradio@magicnet.net

KENTUCKY – Oct. 9

MID-SOUTH ANTIQUE RADIO COLLECTORS SWAP MEET

Lexington, KY – Central KY Tech. College
308 Vo Tech Rd.

7 am-1 pm

Info: Joe Vittitow – (502) 839-5444
Lewis Owens – (606) 233-0376

NEVADA

VIRGINIA CITY RADIO MUSEUM

Virginia City, NV – 109 So. "F" Street

May-Oct. – daily, 11 am-5 pm
Nov.-Apr. – Call ahead for hours

Info: Henry & Sharon Rogers, PO Box 511
Virginia City, NV 89440 – (775) 847-9047

NOTE: The "Coming Radio Events" pages are tabulated from the best information available to A.R.C. However, changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

OKLAHOMA – Oct. 9

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK – Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm – Dinner
7 pm – Meeting

Info: Jim Collings – (405) 755-4139, after 6 pm
Mike Lapuzza – (405) 745-3394, after 7 pm

OREGON – Oct. 9

NORTHWEST VINTAGE RADIO SOCIETY MEETING

Oregon City, OR – Abernethy Grange Hall
15745 S. Harley Ave

10 am

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 – (503) 654-7387

NEW MEXICO – Oct. 10

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM – Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm – Tailgate Swap Meet
2 pm – Program, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park, NM 87047 – (505) 286-9674 – ChuckBurch@aol.com

NEW ZEALAND – Oct. 10

NEW ZEALAND VINTAGE RADIO SOCIETY WELLINGTON MEETING

Wellington – Tireti Hall
Te Pene Ave., Titahi Bay

1 pm

Info: Bob Hatton, 40 Rose St.
Wadestown – 04-4728788

WISCONSIN – Oct. 10

WISCONSIN ANTIQUE RADIO CLUB SWAP MEET

Hubertus, WI – Richfield Chalet
1271 Hwy. 175

7-11 am

Info: Dale Boyce, 10230 W. Greenwood Ter.
Milwaukee, WI 53224 – (414) 353-0734

SUBMISSION DEADLINE

5th OF MONTH

Please include date, time, place, directions, event details and information/contact person.

MARK YOUR CALENDAR

Oct. 2 – Australia, Sydney – HRSA Swap Meet
Oct. 2 – AZ, Mesa – AARC Meet
Oct. 2 – CA, Pismo Beach– SCARS/CHRS Swap Meet
Oct. 2 – IN, Greenfield – IHRS Fall Meet
Oct. 2 – WA, Seattle – REPS Meeting
Oct. 3 – Australia, Melbourne – Auction
Oct. 3 – MD, Arcadia – MAARC Picnic & Auction
Oct. 3 – NY, Lake Ronkonkoma – GNYVWA Swap
Oct. 6 – VA, TBA – TARA Meeting
Oct. 7 – AR, Fort Smith – ARCCFS Meeting
Oct. 8 – NJ, Freehold – NJARC Meeting
Oct. 9 – FL, Orlando – FAWG Meet & Auction
Oct. 9 – KY, Lexington – MSARC Swap Meet
Oct. 9 – OK, Oklahoma City– OKVRC Meeting
Oct. 9 – OR, Oregon City – NWVRS Meeting
Oct. 10 – CT, Wallingford – Nutmeg Hamfest
Oct. 10 – New Zealand, Wellington – NZVRS Meet
Oct. 10 – NM, Albuquerque – NMRC Meet
Oct. 10 – WI, Hubetus – WARC Meeting
Oct. 11 – GA, Norcross – SARS Meeting
Oct. 12 – MO, Kirkwood – ARCHGSL Meeting
Oct. 12 – NC, Greenville – ECARC Meeting
Oct. 12 – OH, Kettering – ARCO Meeting
Oct. 12 – PA, Telford – DVHRC Meet & Auction
Oct. 12 – TX, Houston – HVRA Meeting
Oct. 13 – Ontario – OVRC Meeting
Oct. 14 – AR, Little Rock – AARC Meeting
Oct. 17 – IL, Elgin – ARCI Meeting
Oct. 17 – TX, Schertz – TARC Meeting
Oct. 17 – WA, Seattle – PSARA Swap Meet
Oct. 18 – New Zealand, Auckland – NZVRS Meet
Oct. 19 – CA, Sacramento – CHRS-Sac. Meeting
Oct. 20 – OH, Cincinnati – CARS Meeting
Oct. 20 – OH, Columbus – COARA Meeting
Oct. 21 – Australia, Melbourne – HRSA General Meeting
Oct. 21 – NY, Hudson Valley – HARPS Meeting
Oct. 22 – WV, Huntington – Greenbank Radio Astronomy Update
Oct. 23 – NC, Jamestown – CC-AWA Fall Swap Meet
Oct. 23 – NH, Nashua – NEARC Meet
Oct. 23 – WV, Huntington – Fall Radio Trader's Show & Auction
Oct. 23 – WV, Huntington – MRAT Fall Show/Auction
Oct. 24 – England, Birmingham – NVCF Meet
Oct. 24 – NJ, Wayne – WPAL Mechanical Music Extravaganza
Oct. 25 – AL, Birmingham – AHRS Meeting
Oct. 26 – OH, Kettering – SPARK Meeting
Oct. 29-31 – TX, Irving – VRPS Convention
Oct. 30 – Australia, Victoria – HRSA Swap Meet
Oct. 30 – OH, Englewood – SPARK Swap Meet
Oct. 31 – IL, Olney – Eric's Auction Barn
Nov. 3 – VA, TBA – TARA Meeting
Nov. 4 – AR, Fort Smith – ARCCFS Meeting
Nov. 6 – CA, Fairfield – CHRS Meet
Nov. 6 – WA, Seattle – REPS Meeting
Nov. 7 – NY, Lake Ronkonkoma – GNYVWA Swap
Nov. 7 – OH, Brunswick – BARPC Meeting
Nov. 8 – GA, Norcross – SARS Meeting
Nov. 9 – MO, Kirkwood – ARCHGSL Meeting
Nov. 9 – NC, Greenville – ECARC Meeting
Nov. 9 – OH, Kettering – ARCO Meeting
Nov. 9 – PA, Telford – DVHRC Meet & Auction
Nov. 10 – Ontario – OVRC Meeting
Nov. 11 – AR, Little Rock – AARC Meeting
Nov. 12 – NJ, Freehold – NJARC Meeting
Nov. 13 – OK, Oklahoma City – OKVRC Meeting
Nov. 13 – OR, Oregon City – NWVRS Meeting
Nov. 14 – CO, Denver – CRC Meeting
Nov. 14 – NM, Albuquerque – NMRC Meet
Nov. 21 – British Columbia – CVRS Chapter Meeting
Dec. 4 – FL, Bradenton – AWA Meet
See expanded listing for many of these events

GEORGIA – Oct. 11

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA – Picadilly Cafeteria
3400 Holcomb Bridge Road

6:30 pm

Topic: Your Favorite Radios Bought at the SARS Mega Meet

Info: Gordon Hunter – (770) 475-0713
SARS, PO Box 500025, Atlanta, GA 31150

MISSOURI – Oct. 12

ANTIQUE RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS MEETING

Kirkwood, MO – Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm – Meeting (earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 – (314) 725-2333

N. CAROLINA – Oct. 12

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC – Western Sizzlin
2903 E. 10 St.

6:30 pm

Info: Bill Engstrom – (252) 355-8732
Herman Schnur – (252) 752-2264

OHIO – Oct. 12

ANTIQUE RADIO COLLECTORS OF OHIO MEETING

Kettering, OH – National City Bank Basement
4100 Far Hills Ave., at Stroop Rd.

7:30 pm

Topic: Bakelite and Plastic Radios

Info: John Heck – (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

PENNSYLVANIA – Oct. 12

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING – SWAP MEET – AUCTION

Telford, PA – Telford Community Bldg.
Corner of Hamilton & Madison

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083 – (610) 789-8199

Mention A.R.C.
when contacting clubs!

TEXAS – Oct. 12

HOUSTON VINTAGE RADIO ASSOC. MEETING

Houston, TX – Lai Lai Rest., Tides II Hotel, 6700 S. Main St. at Holcombe

6:30 pm

Info: Bill Werzner – (713) 721-2242 mingqi53@earthlink.net

ONTARIO – Oct. 13

OTTAWA VINTAGE RADIO CLUB MEETING

Ottawa, Ont. – The Ottawa Citizen 1101 Baxter Rd.

7 pm: Flea Market – 8 pm: Meeting

Theme: Vacuum Tube Manufacture in Canada

Info: OVRC Status Line – (613) 832-3097

ARKANSAS – Oct. 14

ARKANSAS ANTIQUE RADIO CLUB MEETING

Little Rock, AR – Books A Million Markam & Bowman Rd.

7 pm

Info: Tom Burgess – (501) 455-0773 (Call to confirm details)

ILLINOIS – Oct. 17

ANTIQUE RADIO CLUB OF ILLINOIS GENERAL MEETING

Elgin, IL – Elgin Plaza Hotel 345 River Rd., Outdoor West Lot

7 am-Noon

Info: A.R.C.I., PO Box 1139, LaGrange Park, IL 60526 – E-mail: arci31280@aol.com

TEXAS – Oct. 17

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX – VFW Hall

2:30 pm

Info: Jim Moffett, 218 Shannon Lee, San Antonio, TX 78216 – (210) 826-4938

WASHINGTON – Oct. 17

PUGET SOUND ANTIQUE RADIO ASSOCIATION 17TH ANNUAL ANTIQUE RADIO SWAP MEET

Seattle, WA – Shoreline Museum Parking Lot N. 175th & Linden Ave.

9 am-1 pm

Info: PSARA – (425) 747-1323 www.eskimo.com/~hhagen/psara.html

NEW ZEALAND – Oct. 18

NEW ZEALAND VINTAGE RADIO SOCIETY AUCKLAND MEETING

Auckland – Horticultural Soc. Hall, Chamberlain Park Golf Clubhouse, 990 Great North Rd.

7:30 pm

Bring & Tell: Early AC Sets in Wooden Boxes

Info: Ian Sangster – Ian.Sangster@airnz.co.nz

CALIFORNIA – Oct. 19

CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER MEETING

Sacramento, CA – SMUD Building Corner of Elkhorn & Don Julio

7 pm

Info: CHRS Hotline – (415) 821-9800

OHIO – Oct. 20

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING

Columbus, OH – DeVry Institute of Tech. 1350 Alum Creek Rd., I-70 Exit 103B

7:30 pm

Info: Barry Gould – (614) 777-8534 Chuck Davis – (614) 792-6237

OHIO – Oct. 20

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Norwood, OH – ITT Technical Institute 4750 Wesley Ave.

7:30 pm

Info: Greg Tierney – (937) 732-1844

AUSTRALIA – Oct. 21

HIST. RADIO SOC. OF AUSTRALIA MEETING

Melbourne – Gardener Church of Christ Hall

8:30 pm

Topic: Display & Judging of Restored Radios; "Heroic Tales"

Info: HRSA, PO Box 2283, Mt. Waverly, Victoria 3149 – wvwoods@netspace.net.au

A free* listing on these pages is available for each coming antique radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. *Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.

NEW YORK – Oct. 21

HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY – MEETING

7:30 pm

Info: Peter DeAngelo – (914) 496-5130
(Call to confirm details)

W. VIRGINIA – Oct. 22

MUSEUM OF RADIO & TECHNOLOGY FALL RADIO TRADER'S SHOW & AUCTION

Huntington, WV – 1640 Florence Ave.

8 am-5 pm

Info: MRAT – (304) 525-8890

NEW HAMPSHIRE – Oct. 23

NEW ENGLAND ANTIQUE RADIO CLUB SWAP MEET

Nashua, NH – Resurrection Center
Rt. 3 (Everett Turnpike) Exit 6
1 1/2 miles West on Rt. 130, 449 Broad St.

7:30-8 am – Real Early Admission
8-9 am – Early Admission
9 am-1 pm – General Admission

Over 100 tables – 50/50 Raffle – Catered
Old Equipment Contest
Reservations required to sell

Info: Gregg Thompson, PO Box 298
Newtonville, MA 02160 – NEARC: (617) 923-2665

N. CAROLINA – Oct. 23

CAROLINAS CHAPTER–AWA FALL SWAP MEET

Jamestown, NC – City Lake Park
602 W. Main Street

7 am-Noon

Info: Brad Jones – (336) 547-1919
BandTJones@aol.com

NEW JERSEY – Oct. 24

WAYNE POLICE ATHLETIC LEAGUE MECHANICAL MUSIC EXTRAVAGANZA

Wayne, NJ – 1 Pal Drive
(Off Rte. 23, Exit Rte. 202/Lincoln Park)

9 am-3 pm

Info: Michael Devecka – (973) 655-9730
Bill Leger – (973) 772-2741

WASHINGTON

THE BELLINGHAM ANTIQUE RADIO MUSEUM

Bellingham, WA – 1315 Railroad Ave.

Wed.-Sat. – Noon-5 pm

Info: (360) 671-4663 – www.antique-radio.org

UNITED KINGDOM – Oct. 24

NATIONAL VINTAGE COMMUNICATIONS FAIR

Birmingham, UK – NEC Hall 11 – 10:30 am-4 pm

300+ Exhibiters – Radio, TV, Phonograph, etc.

Info: NVCF, 13 Belmont Rd., Exeter, Devon, England
Ph: (01392) 411565 – sunpress@eurobell.co.uk

ALABAMA – Oct. 25

ALABAMA HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL – Homewood Public Library
1721 Oxmoor Road

7 pm

Info: Julian Brook, PO Box 130307,
Birmingham, AL 35213 – (205) 879-1191

OHIO – Oct. 26

SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE MEETING

Kettering, OH – Party Room at Cassano's Pizza, 1700 E. Stroop Rd.

7:30 pm

Trivia Night

Info: PO Box 482, Dayton, OH 45449
E-mail: sparkinc@juno.com

TEXAS – Oct. 29-31

VINTAGE RADIO & PHONO SOCIETY 25TH ANNUAL CONVENTION

Irving, TX – Holiday Inn Select DFW South
4440 W. Airport Freeway

Fri.: 9 am-7 pm – Registration
11 am-Noon – Watterson Radio
1 pm-2 pm – Vintage Radio & TV on the Internet
10 am-1 pm; 3 pm-6 pm – Contest Viewing
2 pm-3 pm – VRPS 25th Anniversary Celebration
3 pm-4 pm – Tubes & Paper Items Auction
5 pm-10 pm – Friday Night Auction

Sat.: 8 am-2 pm – Registration
9 am-4:30 pm – Contest Viewing
10 am-10:30 am – Silent Auction
11 am-5 pm – Annual Meeting; Saturday Auction
6:30 pm-7:30 pm – Reception
7:30 pm-9:30 pm – Annual Awards Banquet

Sun.: 8 am – Coffee Social
8 am-Noon – Indoor Flea Market

Info: George Potter – (972) 353-4862
VRPS, PO Box 165345, Irving, TX 75016
www.flash.net/~billhar/vrpscal.htm

Although non-members are welcome at all events, joining may be required at some. Admission is charged at some.

AUSTRALIA – Oct. 30

HIST. RADIO SOCIETY OF AUSTRALIA VICTORIAN GROUP SWAP MEET

Victoria – St. Andrew's Uniting Church Hall

1:30 pm

Info: Doug Ellis – (03) 9802 0577

OHIO – Oct. 30

SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE – SWAP MEET

Englewood, OH – VFW Hall, Post 7741
7921 N. Main (I-70, Exit 29, Rte. 48, south 2 mi.)

7 am-Noon

Info: Harold Parshall – (937) 268-2909
sparkinc@juno.com

ILLINOIS – Oct. 31

ERIC'S AUCTION BARN
10TH RADIO CONSIGNMENT AUCTION

Olney, IL – 1000 Southwest
(618) 392-2343

11 am

Info: Wayne Martin, 701 Northdale Dr.,
Perryville, MO 63775 – (573) 547-4292

VIRGINIA – Nov. 3

TIDEWATER ANTIQUE RADIO ASSOC. MEETING

Call for location & directions

7 pm

Info: Vic Johnston – (757) 825-0757, eves.
Scott Balderston – (757) 549-0449, eves.

ARKANSAS – Nov. 4

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH – MEETING

Fort Smith, AR – St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 – (501) 782-8178

CALIFORNIA – Nov. 6

CALIF. HISTORICAL RADIO SOCIETY MEET/PICNIC

Los Altos Hills, CA – Foothill College, Lot "D"

9 am

Info: CHRS Hotline – (415) 821-9800

Updating Club List

Please send A.R.C. the name, address, etc. of your club's contact person.

WASHINGTON – Nov. 6

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA – Queen Anne Library
400 W. Garfield

2 pm

Info: REPS, 9936 N.E. 197th Street
Bothell, WA 98041 – (206) 488-9518

NEW YORK – Nov. 7

GREATER NEW YORK VINTAGE WIRELESS ASSOC. – SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave.

8 am-Noon

Info: Chris Lieppert – (516) 471-9526
Chris Bacon – (516) 821-7618

OHIO – Nov. 7

BUCKEYE ANTIQUE RADIO & PHONO CLUB MEETING

Brunswick, OH – Brunswick Public Library

1 pm

Info: Kevin Grimm – (330) 928-8341

GEORGIA – Nov. 8

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA – Picadilly Cafeteria
3400 Holcomb Bridge Road

6:30 pm

Topic: "G" Radios

Info: Gordon Hunter – (770) 475-0713
SARS, PO Box 500025, Atlanta, GA 31150

MISSOURI – Nov. 9

ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS – MEETING

Kirkwood, MO – Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm – Meeting (earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 – (314) 725-2333

N. CAROLINA – Nov. 9

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC – Western Sizzlin
2903 E. 10 St.

6:30 pm

Info: Bill Engstrom – (252) 355-8732
Herman Schnur – (252) 752-2264

OHIO – Nov. 9

ANTIQUE RADIO COLLECTORS OF OHIO MEETING

Kettering, OH – National City Bank Basement
4100 Far Hills Ave., at Stroop Rd

7:30 pm

Topic: Automatic & Transistor Radios

Info: John Heck – (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

PENNSYLVANIA – Nov. 9

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING – SWAP MEET – AUCTION

Telford, PA – Telford Community Bldg.
Corner of Hamilton & Madison

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083 – (610) 789-8199

ONTARIO – Nov. 10

OTTAWA VINTAGE RADIO CLUB ANNUAL AUCTION

Ottawa, Ont. – The Ottawa Citizen
1101 Baxter Rd.

7 pm: Flea Market
8 pm: Meeting

Info: OVRC Status Line – (613) 832-3097

ARKANSAS – Nov. 11

ARKANSAS ANTIQUE RADIO CLUB MEETING

Little Rock, AR – Books A Million
Markam & Bowman Rd.

7 pm

Info: Tom Burgess – (501) 455-0773

NEW YORK

ANTIQUE WIRELESS ASSOCIATION ELEC. COMMUNICATION MUSEUM

Bloomfield, NY– Village Green
Rts. 5 & 20 – (716) 657-6260

May 1-Oct. 31 – Sunday, 2 pm-5 pm
Jun. 1-Aug. 31 – Saturday, 2 pm-4 pm
Jul. 1-Aug. 31 – Wednesday, 7 pm-9 pm
Closed Holidays

Info: Ed Gable, Curator, AWA Museum,
187 Lighthouse Rd., Hilton, NY 14468

NEVADA

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Info: Cort & Eileen Ancman, 1881 Capo San Vito Ave., Las Vegas, NV 89123 – (702) 312-7110 – ancman@juno.com

NEW JERSEY – Nov. 12

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ – Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)

7 pm

Info: Marv Beeferman – (609) 693-9430
Phil Vourtsis – (732) 446-2427

OKLAHOMA – Nov. 13

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK – Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm: Dinner
7 pm: Meeting

Info: Jim Collings – (405) 755-4139, after 6 pm
Mike Lapuzza – (405) 745-3394, after 7 pm

OREGON – Nov. 13

NORTHWEST VINTAGE RADIO SOCIETY MEETING

Oregon City, OR – Abernethy Grange Hall
15745 S. Harley Ave.

10 am

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 – (503) 654-7387

COLORADO – Nov. 14

COLORADO RADIO COLLECTORS MEETING

Denver, CO – VecraBank Bldg.
1380 South Federal Ave.

1 pm

Info: Larry Weide – (303) 758-8382

NEW MEXICO – Nov. 14

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM – Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm – Tailgate Swap Meet
2 pm – Program, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park, NM 87047 – (505) 286-9674 – ChuckBurch@aol.com

BRITISH COLUMBIA – Nov. 21

CANADIAN VINTAGE RADIO SOCIETY BRITISH COLUMBIA CHAPTER MEETING

Richmond, BC – Steveston Hotel

Info: Fred Tutt – (604) 275-2033

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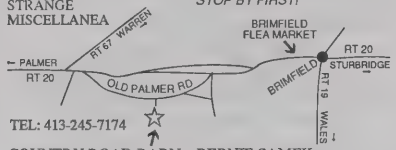

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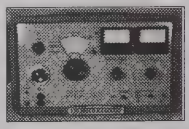

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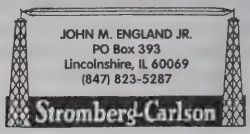

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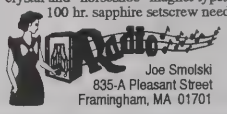

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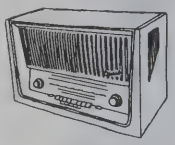

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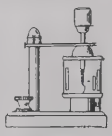

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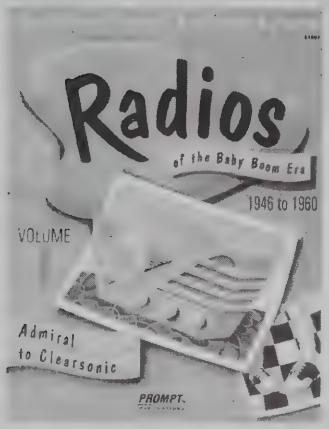

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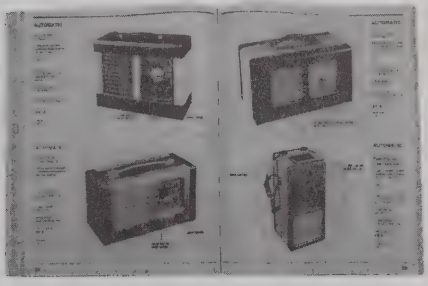

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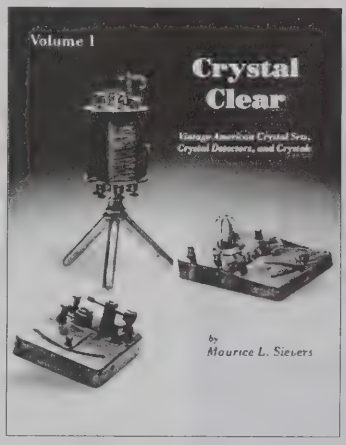

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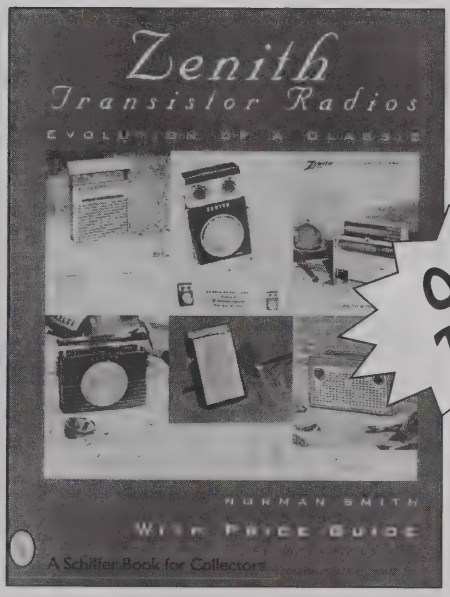

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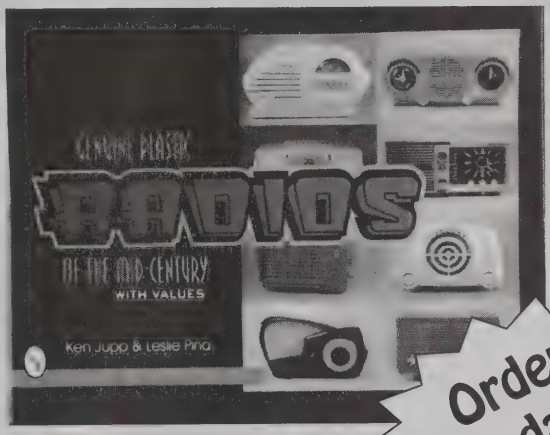

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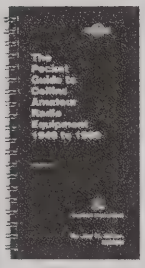

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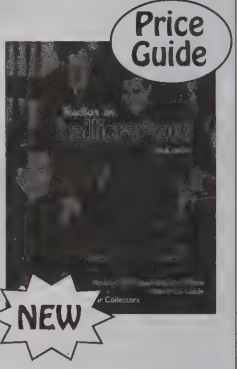

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The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.

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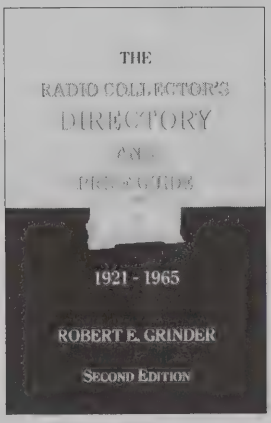

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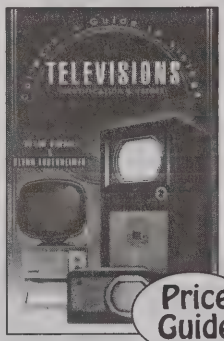
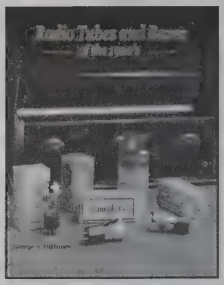


Collector's Guide to Vintage Televisions by Bryan Durbal and Glenn Bubenheimer. *Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs from 1945-1960 and transistor sets through 1980. 200+ full color photos. 5 ½" x 8 ½", 176 pages. Softcover. NEW.* — **$15.95**



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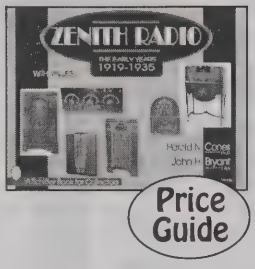

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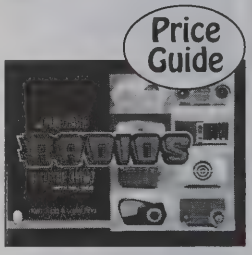

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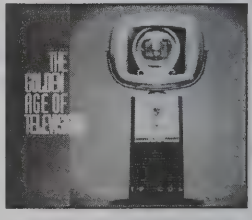

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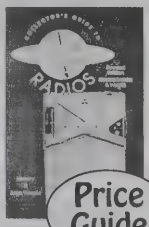

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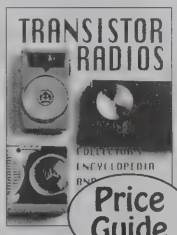

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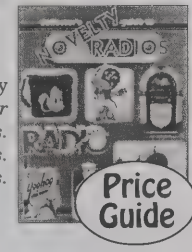

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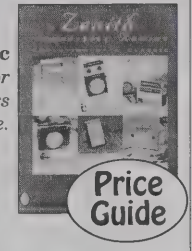

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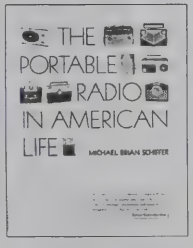

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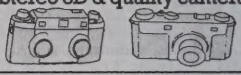

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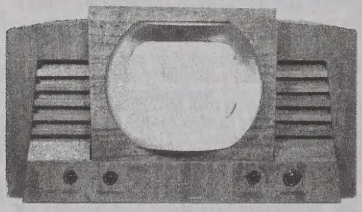

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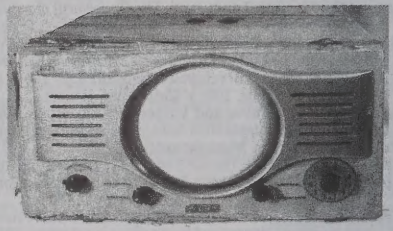

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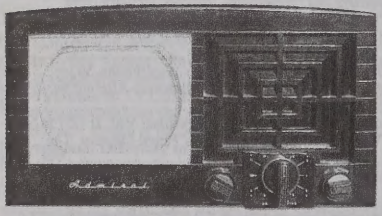

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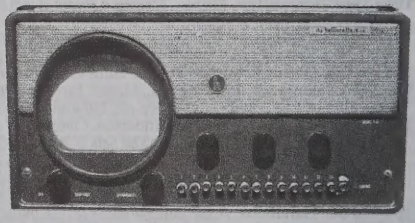

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When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

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Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:
- First 20 words: **FREE***
- 29¢ per word for extra words over 20 **plus**
- 10¢ per word for a shaded ad (count all words including free words).
- * Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:
- 47¢ per word **plus**
- 10¢ per word for shaded ad.

Please do not forget to send in the extra 29¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with "For Sale," etc. Minimum run is 3 months, prepaid. Discount: 10% for 6 months; 20% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:
- 40¢ per word for all words,* none free, **plus**
- 10¢ per word for each bold word **plus**
- 10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):
- 50¢ per word for all words* **plus**
- 10¢ per word for each all-caps word.

Non-Subscribers:
- Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

$23.00 per month for each photo or drawing

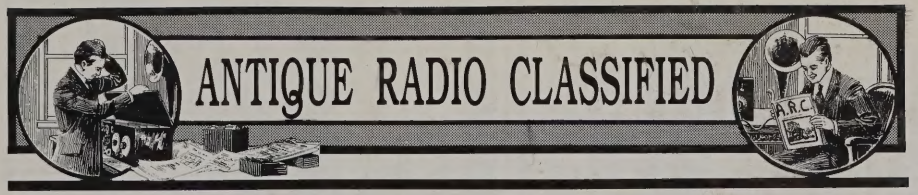
(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The **standard headings**: WANTED, FOR SALE, etc., count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.



PERIODICALS

A.R.C., P.O. Box 2, CARLISLE, MA 01741

ADDRESS SERVICE REQUESTED

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106*1**********3-DIGIT 346
G-AJ SUB#=26-11577 [3610]
J R MONEGO EXP=DEC99
12729 ITHACA AVE
HUDSON FL 34667-6006

CLASSIFIED AD DEADLINE OCT. 10th Noon Eastern Time